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THE
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OF
ENGLAND AND SCOTLAND.

Supplemented by some of the Irish Firms,

BEING A LIST OF THE

PRINCIPAL MANUFACTURERS
OF CHEMICALS USED IN

COMMERCE, MEDICINE,
AGRICULTURE, AND THE ARTS.

FOR 1876.

EIGHTH EDITION.

EXTENDED AND IMPROVED.

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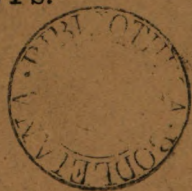
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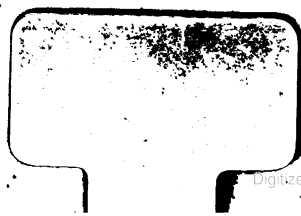
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P R E F A C E.

The Eighth Edition of the "Chemical Manufacturers' Directory" is now submitted to its numerous Subscribers and Friends.

Continued effort has been made to obtain the utmost possible amount of revision and correction of the changes that have occurred since our last issue in sustaining the usefulness of the work; and any omissions to be found in its pages we may mention as being due to the difficulty of obtaining authorized information rather than our neglect in providing, as, strange to say, some of the firms at a distance evince no interest in what occurs beyond their own local market and neglect to furnish any particulars; and hence, as we are dependent upon courtesy, some incompleteness in our work. Meanwhile we acknowledge the obliging assistance that is so largely extended to us in a constantly increasing degree, and which we hope will ultimately enable us to supply all deficiencies.

Intimation of any change, omission, or error that may come under notice, is earnestly solicited; and which, or any advertisements or announcements, may be sent to the Printers', addressed—

THE EDITOR OF THE

CHEMICAL MANUFACTURERS' DIRECTORY,
Oxford Court, Cannon Street,

London, 1875.

LONDON, E.C.

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LIST OF CHEMICALS CLASSIFIED,

SHOWING AT A VIEW

THE MAKERS OF EACH KIND.

Acid, Acetic. — *LONDON* — Barnes, Beaufoy, Cory, Cox, Dunn, Ellis, Scott.
COUNTRY — Bower W., Bury, Clarke W., Coupe, Crompton, Hadfield T.,
Haworth J., Hurst, Fields Co., Kenyon T., King, Lewis G., Mansergh,
Melinorythan Co., Morris W., Ogden, Renshaw, Singleton J. *SCOTCH* —
Herald, Turnbull.

Acid, Benzoic. — *LONDON* — Howard.

Acid, Carbolic. — *LONDON* — Bethell & Co., Crow S. E., Dickinson, Dussek,
Griffith. *COUNTRY* — Bowdler, Bowes, Butler W., Calvert, Crowther & Co.,
Culpan, Demuth, Fisher, Goddard, Harvey Wm., Kelly, Longshaw, Lowe,
Major, Metcalf T., Metcalf W., Smith D., Tunstall, Turner, *SCOTCH* —
Lindsay, Ross.

Acid, Citric. — *LONDON* — Howard, Lawes, Pontifex. *COUNTRY* — Sturge.

Acid, Fluoric. — *COUNTRY* — Collier, Dobb, Harris, Hornby.

Acid, Muriatic, Hydrochloric. — *LONDON* — Allen, Dunn, Farmer, Finch, Paxton,
Pepper, Smith P., Squire, Scott, Wallace. *COUNTRY* — Adkins, Astle, Baly,
Basford, Bealey, Beatson, Becker, Birkby, Bottomley, Bury, Crowther, G. J.,
Crowther Wm., Crowther H., Day, Farmer, Fisher, Gibbs Jas., Harris, Haslem,
Hornby, Howarth W., Jackson Jas., Jackson T., Johnson T., Kaye, Muspratt
Jas., Matheson, Netham Co., Nicholson J., Ormerod, Pilkington, Riley,
Robinson E., Schofield, Shorthouse, Smith & Mawdsley, Sugden, Townsend,
Vivian. *SCOTCH* — Bryce, Garraway, Hope, Paterson, Smith R., Tennant C.

Acid, Nitric. — *LONDON* — Allen, Cumberland, Ellis, Farmer, Finch, Kerney,
Pepper, Smith B., Smith P., Squire, Wallace. *COUNTRY* — Astle, Baly,
Beatson, Birkby, Bottomley, Bowden, Bury, Collier, Crowther G. J., Crowther
Wm., Day, Farmer, Fisher, Harris, Hills A., Hornby, Jackson J., Jackson T.,
Johnson T., Kaye, Metcalf T., Nicholson J., Ormerod, Riley, Robinson E.,
Shorthouse. *SCOTCH* — Davidson, Garraway, Hope, Smith B.

Acid, Nitrous. — *LONDON* — Ellis, Kerney, Smith B. *COUNTRY* — Dobb.

- Acid, Oxalic.**—*LONDON*—Allen. *COUNTRY*—Jones W., Kenyon, Pritchard, Roberts Dale.
- Acid, Picric.**—*COUNTRY*—Bowdler, Calvert, Casthelaz, Crowther & Co., Lowe, Smith D.
- Acid, Pyroligneous.**—*COUNTRY*—Nicholson T., Rumney, Smith, Stockdale, Vaughan, Walker T., Warburton, Windle.
- Acid, Phosphoric.**—*LONDON*—Dunn.
- Acid, Sulphuric.**—*LONDON*—Allen, Bethell, J. & Co., Brandram, Cumberland, Ellis, Farmer, Finch, Gibbs, Hills, Houlder, Pepper, Pontifex, Smith P., Squire, Vanner, White, Wilson G., Wallace. *COUNTRY*—Adkins, Anderton, Asbury, Astle, Austin, Baly, Basford Co., Bealey, Beatson, Becker, Bethell J. & Co., Bevan, Birkby, Blaydon Co., Bowen, Bradburn, Burnard, Burrell, Bury, Cannop Co., Carr J., Chapman, Connah's Co., Cooke J., Crabb, Crompton, Crowther G. J., Crowther Wm., Crowther H., Eden, Farmer, Fisher, Fison Jas., Fison Jos., Fletcher, Galen Co., Gibbs Jas., Gibbs J., Gibbs Jas., Goole Co., Graham, Hadfield G., Hall A. W., Harris, Haslem, Hill W., Hills A., Hills Ar., Hornby, Howarth W., Hunt W., Jackson Jas., Jackson S., Jarrow Co., Johnson T., Judson, Kelly, Langdale, Leather, Lewis G., Lomas, Mathieson, Melincrythan Co., Metcalf T., Morris Bros. Morris D., Morris Wm., Morris & Griffin, Murphy, Muspratt Jas., Netham Co., Nicholson J., Ormerod, Packard, Pashley, Peyton, Pilkington, Prentice, Richardson J. G., Riley, Robinson E., Schofield, Sharon Co., Shorthouse J., Slack, Smith J., Smith D., Smith & Mawdsley, Spencer Bros., St. Bede's Co., Spooner, Tennants, Tyne Co., Waide, Wilson G., Wilson J. T., Wilson R. H. *SCOTCH*—Bonnington Co., Bryce, Cameron, Davidson, Garraway, Henderson, Hope, Hutton J., Hutton W., Mackinlay, McGeachy, McLaren, McLean, Montgomerie, Napier, Smith R., Tennant C., Wilson, J.
- Acid, Sulphurous.**—*LONDON*—Dunn, Howard. *COUNTRY*—Collett, Reade.
- Acid, Tartaric.**—*LONDON*—Howard, Kembal, Lawes, Pontifex.
- Alizarine.**—*LONDON*—Brooke.
- Albumen.**—*COUNTRY*—Walsh.
- Alkali.**—*See also* "Soda Ash."—*LONDON*—Burnett. *COUNTRY*—Allen, Armstrong, Barton, Blair, Blaydon Co., Bramwell, Boreham Co., Burnett, Bury, Chance, Cook Bros., Cook Jno., Gaskell, Hardshaw Co., Hazlehurst, Howarth, Hutchinson, Imery, Jarrow Co., Kenyon, Kershaw, Kurtz A., Lewis J., Liverpool Co., Lomas, Marsh, McClellan, Muspratt T., Muspratt J., Netham Co., Newcastle Co., Pattinson, Payne, Pilkington, Smith & Mawdsley, St. Bede's Co., Tennant, Chas. Tennants & Co., Tyne Co., Vivian, Washington Co., Whitwell. *SCOTCH*—Clyde Co., Garraway.
- Alum.**—*LONDON*—Alum Co., Bethell John & Co., Ellis & Co., Mockford. *COUNTRY*—Baker, Bethell, Bray, Bury, Fields Co., Goole Co., Norris, Pochin, Spence P., Winsor & Co. *SCOTCH*—Alum Co., Hurlet Co., Nelson.
- Ammonia, Liquid.**—*LONDON*—Crow, Smith P. *COUNTRY*—Barrow, Culpam, Collier, Cotton, Day, Galen Co., Gardiner, Harvey W., Metcalf T., Nicholson J., Wright.
- Ammonia, Muriate.**—*LONDON*—Crow T., Smith P. *COUNTRY*—Armitage.
- Ammonia, Sulphate, Salts.**—*LONDON*—Allen, Austin, Crow T., Dickinson, Griffith, Smith P., Union Co. *COUNTRY*—Armitage, Arnott, Astle, Austin, Baly, Barrow, Basford Co., Blott, Bond, Bowes, Bowskill, Bradburn, Butler, Carr Jas., Clapham, Cotton, Crowther G. J., Day, Dickinson, Dobson, Ellis Jno.,

Fison Jas., Galen Co., Hadfield T., Harvey W., Hornby, Illingworth, Jackson Jas., Jackson T. H., Johnson T., Kaye, Kelly, Kurtz, Langdales Co., Liverpool Co., Lockyer, Major, Marriott, Mather, Meadows, Metcalf T., Metcalf W., Morris & Griffin, Morris Bros., Naylor, Netham Co., Nicholson, Nicholson John, Pashley, Payne, Prangley, Reeve, Robinson, Rumney, Sharon Co., Slack, Spence Bros., Stainsby, Stone, Sugden, Turner, Waide, Wright, Ynis Co. *SCOTCH*—Alum Co., Bogie, Bonnington Co., Briggs, Brown, Coney, Dalsholm Co., Hutton, Lindsay, Mackenzie, Poynter, Ross, Smith W., Smith R., Spence Stewart, Uphall Co., Weir.

Aniline.—*See* "Dyes, Aniline."

Annatto.—*COUNTRY*—Claridge, Metcalf.

Anthracine. — *LONDON* — Crow S., Dickinson, Grindley, Griffith, Southwell. *COUNTRY*—Bethell J. & Co., Bouck, Bond, Butler, Casthelaz, Culpán, Elsworth, Goddard, Harvey W., Kelly, Major, Metcalf, Lowe, Robinson, Turner. *SCOTCH* — Ross.

Antichlorine.—*COUNTRY*—Pochin.

Aquafortis.—*See also* "Nitric Acid." *COUNTRY*—Becker, Collier, Crowther Hor., Ellis Jno., Griffiths, Nicholson, Peyton, Sugden.

Arsenic.—*COUNTRY*—Cornwall Co., English Co., Stephens, Tremellen.

Aurine.—*COUNTRY*—Bowdler, Calvert, Crowther & Co., Longshaw, Lowe, Smith D.

Antimony Refiners.—*LONDON*—Hallett. *COUNTRY*—Cookson.

Barium Chloride.—*COUNTRY*—Gaskell.

Baryta, Nitrate.—*LONDON*—Cumberland, Squire.

Benzole, Benzine, Benzoline.—*LONDON*—Blott, Carless, Crow, Forster, Griffith, Smith Bros. *COUNTRY*—Bethell J. & Co., Bond, Butler, Casthelaz, Cotton, Culpán, Demuth, Elsworth, Goddard, Harvey W., Holliday, Kelly, Lowe, Major, Metcalf W., Metcalf T., Peak, Turner, Wade. *SCOTCH*—Miller J.

Bleaching Liquor.—*See also* "Dyers' Solutions." *COUNTRY*—Bealey, Blythe, Haslem, Schofield, Tennants & Co.

Bleaching Powder.—*See* "Lime, Chloride of."

Blues for Staining, Dyeing, Paper-making, &c.—*LONDON*—Hodson. *COUNTRY* —Badams, Goadsby, Maples, Nichols, Sissons, Threlfall, Tordoff, Wilkinson G. & Co., Witton.

Blues, Liquid.—*LONDON*—Harding.

Borax. — *LONDON* — Howard. *COUNTRY* — Hodgkin, McClellan, Wood E. *SCOTCH*—Townsend J.

Bromine.—*SCOTCH*—Paterson W. & M.

Calcium, Chloride.—*COUNTRY*—Gamble, Gaskell, Greenbank Co., Netham Co., Winsor.

Carbon, Bisulphide.—*LONDON*—Forster. *COUNTRY*—Barrow J., Fisher, Hartley.

Carbon, Tetrachloride.—*COUNTRY*—Fisher.

Carburine.—*LONDON*—Carless.

Chalk, Refined, Precipitated, Prepared, &c.—*COUNTRY*—Holloway, Sturge.

Charcoal, Animal.—*LONDON*—Torr. *COUNTRY*—Hadfield T., Knight, Lockyer.

Charcoal, Wood.—*COUNTRY*—Bowen, Brown, Cannock Co., Coupe, Chivers C., Chivers T., Farrimond, Hadfield T., Hirst, Kilner, Lewis G., Melin-crythan Co., Morgans, Morris Wm., Morris Wm., Nicholls J., Nicholson T., Pontithell Co., Pontrilas, Singleton J., Smith E., Stockdale, Ynis Co. *SCOTCH*—British Seaweed Co., Townsend J.

- Chemicals, Pharmaceutical Generally.**—*LONDON*—Allen, Bush, Cox, Hopkin. Huskisson, May, Morson, Wright. *COUNTRY*—Bailey, Henry, Ransom, Reade, Southall.
- Chemicals, Photographic.**—*LONDON*—Johnson M., Johnson, J. *COUNTRY*—Bailey W., Harris, Sutton.
- Chlorates.**—*LONDON*—Forster.
- Cinchonine.**—*LONDON*—Whiffen.
- Colours, Artists.**—*LONDON*—Rowney, Winser.
- Colours.**—*See* "Colour Manufacturers, London, Country, and Scotland."
- Coprolites.**—*COUNTRY*—Cambridge Co., Prentice, Roads.
- Copperas.**—*LONDON*—Mockford. *COUNTRY*—Astle, Bradburn, Crowther G. J., Crowther H., Crowther Hallsworth, Gregson, Hills A., Hunter & Co., Lawson F., Nicholson J., Ogden, Reeve, Smith D., Spence Bros., Townsend, *SCOTCH*—Wilson.
- Copper, Acetate.**—*COUNTRY*—Robinson, E.
- Copper, Nitrate.**—*COUNTRY*—Robinson, E.
- Copper, Precipitate.**—*COUNTRY*—Bradburn.
- Copper, Solutions.**—*COUNTRY*—Bowden.
- Copper, Sulphate.**—*COUNTRY*—Bouck, Bradburn, Haslem, Peyton.
- Creosote.**—*LONDON*—Battley, Bethell John & Co., Crow, Dickinson, Dorsett, Dussek, Gabriel, Griffiths, Grindley, Morson, Smith Bros., Winstone, Windham, *COUNTRY*—Bethell, Bond, Butler W., Cotton, Culpan, Demuth, Dickinson, Elsworth, Goddard, Green, Harvey, Kelly, Lawson, Lockwood, Major, Mather, Metcalf T., Peak, Robinson, Saltley Co., Stainsby, Turner, Wright. *SCOTCH*—Bogie, Bonnington Co., Briggs, Ross.
- Cudbear.**—"*See* Orchil."
- Disinfectants.**—*LONDON*—Condy. *COUNTRY*—Spence Brothers.
- Dunging Liquor.**—*COUNTRY*—Forrester.
- Dyes.**—*LONDON*—Fry, Hatton, Smith B., Sutton, Tibbs. *COUNTRY*—Bowdler Brookside Co., Casthelaz, Dentith, Forrester, Milnes, Perkin, Roberts D., Smith D., Wilkinson B.
- Dyes, Aniline.**—*LONDON*—Brook, Holt, Judson, Reynolds, Southwell, Wilson W. *COUNTRY*—Bibby, Brooke, Bowden, Casthelaz, Holliday, Levinstein, Perks, Thompson, Roberts Dale, Wade, Wilkinson B., Williams.
- Dyers' Solutions.**—*See also* "Bleaching Liquor," "Iron Solutions," "Tin Solutions," &c. *LONDON*—Freeman Bros., Hatton. *COUNTRY*—Blacker, Blythe, Bottomley, Bowden, Calvert, Dentith, Drake, Farmer J., Higgin, Huggon, Jackson T. H., Johnson T., Metcalf T., Mucklow, Nicholson J., Schofield, Tenants & Co., Thompson, Townsend.
- Dyers' Spirits.**—*LONDON*—Pepper. *COUNTRY*—Cowburn, Crowther H., Hornby Jackson T. H., Kaye, Reeve, Robinson E., Smith D.
- Fluorides.**—*COUNTRY*—Smith D.
- Garancine.**—*COUNTRY*—Milnes.
- Gold, Chloride.**—*LONDON*—Johnson M., Johnson J.
- Indigo Blues.**—*See* "Blues."
- Indigo Extracts and Solutions.**—*LONDON*—Sutton. *COUNTRY*—Adams Birkby, Blacker, Brookside Co., Haas, Hodges, Howarth J., Kaye, Norris Richardson J., Robinson E., Wood & B., Wilkinson B.
- Iodine.**—*SCOTCH*—British Seaweed Co., Paterson W. & M., Paterson W.
- Iron, Acetate.**—*COUNTRY*—Robinson E.

- Iron, Muriate.**—*LONDON*—Smith P. *COUNTRY*—Robinson E.
- Iron, Liquor.**—*LONDON*—Ellis. *COUNTRY*—Astle, Barrow, Farrimond, Kilner, Rumney, Southern G, Southern T., Stockdale, Vaughan, Walker I., Windle. *SCOTCH*—Campbell.
- Iron, Nitrate.**—*LONDON*—Ellis, Smith P. *COUNTRY*—Day, Robinson E.
- Iron, Oxide** — *COUNTRY* — Austin, Bradburn, Hills Ar., Matthew J., Marriott, Winsor.
- Iron, Peroxide.**—Crowther.
- Iron, Pyrolignite.**—*COUNTRY*—Hirst.
- Iron, Solutions.**—*COUNTRY*—Birkby, Bowden, Crowther G. J., Crowther Wm.
- Iron, Sulphate.**—"See Copperas."
- Lampblack.**—*COUNTRY*—Butler W., Cannoh Co., Hoyle.
- Lavender, Distiller.**—*COUNTRY*—Perks S.
- Lead, Acetate.**—See "Lead, Sugar of."
- Lead, Nitrate.**—*COUNTRY*—Bouck.
- Lead, Sugar of, White, Grey, Brown.**—*COUNTRY*—Bevan, Cannoh Co., Chivers C., Chivers T., Jones, Melincrythan Co., Morris D., Morris W., Vaughan, Walker J. *SCOTCH*—Campbell.
- Lead, White.**—Washington Co.
- Lime, Acetate.**—*COUNTRY*—Bevan, Bowen, Brown, Chivers C., Chivers T., Hadfield T., Jones, Kilner, Lewis G., Melincrythan Co., Morgans, Morris D., Morris W., Nicholls J., Nicholson, Pontrilas Co., Pontithell Co., Singleton, Smith E., Trotter, Vaughan, Walker J. *SCOTCH*—Sutton.
- Lime, Bisulphite.**—*LONDON*—Alment, Boake, Dunn, Ellis, Forster. *COUNTRY*—Bailey, Coleman, Collett, Kendall, Marriott, Reade.
- Lime, Chloride of.**—*COUNTRY*—Adkins, Allen, Atlas Co., Bealey, Blaydon Co., Bramwell, Burnett T., Carville Co., Connah's Quay Co., Cook Bros., Cook, Crossfield, Felling Co., Frazer, Gamble, Gaskell, Golding, Hall Bros., Hay-Gordon, Hemingway, Hills A., Hunt W., Imeary, Jarrow Hill Co., Jones Wm., Kenyon, Lomas, McClellan, Mathieson, McBryde, Mease, Muspratt Bros., Muspratt Jas., Netham Co., Pattinson, Pilkington, Richardson J. G., Runcorn Co., Sheldon, Smith & Mawdsley, St. Bede's Co., St. Helen's Co., Sullivan, Taylor, Tennant C., Tyne Co. *SCOTCH*—Bell, Henderson.
- Lime, Hyposulphite.**—See "Antichlorine."
- Lime, Muriate.**—*COUNTRY*—Greenbank Co.
- Lime, Nitrophosphate.**—*COUNTRY*—Winship.
- Lime, Phosphate.**—*COUNTRY*—Burnard, Croff, Kenyon, Liverpool Co., Pearson.
- Lime, Pyrolignite.**—*COUNTRY*—Austin.
- Lime, Sulphite.**—*LONDON*—Alment, Boake. *COUNTRY*—Bailey.
- Lime, Sulphate.**—*COUNTRY*—Winsor.
- Lime, Superphosphate.**—*LONDON*—Farmer. *COUNTRY*—Baly, Burrell T., Burrell R. & W., Cambridge Co., Chapman, Dixon, Ellis Jos., Fison Jas., Hills A., Hodgson, Morris & Griffin, Pashley, Pearson, Prentice, Renner, Sharon Co., Thorpe, Vickers Thos., Vivian, Winship.
- Liquor, Dinging.**—See "Dinging Liquor."
- Liquor, Red.**—See "Red Liquor."
- Magnesia.**—*COUNTRY*—Bailey, Watson, Washington Co., Winsor.
- Magnesia, Citrate.**—*LONDON*—Bishop, Bush, Dunn, Lander, Squire. *COUNTRY*—Sturge.
- Manganese Oxide.**—*COUNTRY*—Dob

- Manures.**—*See also* "Lime Nitrophosphate, Superphosphate, &c., &c."—**LONDON**—Agricultural Co., Arnott Bros., Carey, Day, Edgington, Farmer, Gibbs, Guarantee Co., Hadfield, Hale, Hall, Hallet, Hempleman, Hunt, Lawes, Lewis, London Co., Mackay, Mellersh, Miller, Mockford, Nitrophosphate Co., Purser, Rees, Salmon, Standen, Stevens, Universal Co., Wilson G. **COUNTRY**—Adkins, Ashworth Jos., Austin, Baly, Barrow, Blaydon Co., Bradbury, Burnard, Burrell R., Burrell J. T., Cambridge Co., Cargreen Co., Cleveland Co., Chapman, Colchester, Dantec, Davis S. T., Dickinson, Ellis Jos., Fardon, Farmers' Co., Fisher, Fison Jos., Fison Jas., Goole Co., Griffin, Hadfield T., Hadfield Geo., Hills A., Hills E., Hodgson, Hunt J., Jordan, Knight J., Knight W., Langdale, Liverpool Co., Lockyer, Marriot, Mathews A., Mathews P., Meggitt, Morris Bros., Morris & Griffin, Morrison, Murray, Murrell, Newcastle Co., Noble, Norrington H., Packard, Pashley, Pearson, Pinkney, Prangley, Prentice, Proctor, Proctor H., Reeves, Renner, Royston, Rusco, Sharon Co., Soulbey, Spooner, Staton, Threlfall, Thorpe, Toynbee, Tigars, Urban Co., Vickers S., Vickers T., Webb & Son, Webb H., Weedon, Wells & Co., West of Eng. Co., Widnes Phos. Works, Wilson J. W., Wolverhampton Co. **SCOTCH**—Arthur, Hutton, Lindsay, McGeachy, McLean, Miller J., Nitro-Carbon Co., Poynter, Townsend J., Wilson R. H., Wood & Sons.
- Mordants.**—*See also* "Dyers' Solutions," &c. &c.—**COUNTRY**—Blacker, Calvert, Coupe, Farrimond.
- Morphia.**—**LONDON**—Howard, Smith. **SCOTCH.**—McFarlan.
- Methyl, Hydrated Oxide of.**—**COUNTRY**—Melincrythan Co.
- Naphtha, Solvent, Miscible, Wood, and Coal.**—**LONDON**—Barnes, Battley Blott, Carless, Catchpole, Crow, Dickinson, Dorsett, Dussek, Forster, Griffith, Grindley, Medland, Smith Bros., Worringham. **COUNTRY**—Armitage, Bankhall, Bethell Co., Bevan, Bond, Bowen, Brown, Butler W., Cannon Co., Coupe, Chivers C., Chivers T., Cotton, Crompton, Demuth, Elsworth, Farrimond, Fisher, Goddard, Greenwood, Hadfield T., Hirst, Holliday, Jones, Kelly, Kilner, Lawrie, Lawson, Lewis G., Major, Mather, Melincrythan Co., Metcalf T., Metcalf W., Morgans, Morris D., Morris Wm., Morris Wm., Murray Bros. Nicholls J., Nicholson T., Pontithell Co., Pontrilas Co., Simms, Singleton J., Smith E., Thacker, Trotter, Turner, Vaughan, Wade, Walker, Wright, Ynis Co. **SCOTCH**—Benny, Bogie, Bonnington Co., Briggs, Campbell, Dalziel, Fren, Fulton, Hutton, McFarlane, MacKenzie, Miller G., Miller J., Ross, Shand, Turnbull, Warburton, Weir.
- Nitrates.**—**LONDON**—Forster, Waide.
- Oils.**—**COUNTRY**—Fisher, Fletcher I.
- Oil of Vitriol.**—*See* "Acid Sulphuric."
- Orchil and Cudbear.**—**LONDON**—Burton, Smith B., Sutton. **COUNTRY**—Birkby, Carr Jos., Carr Jas., Hirst, Norris, Robinson Jas., Wood & B., Wilkinson B.
- Oxides, Metallic.**—*See* "Colours."
- Pharmaceutical Preparations.**—*See* "Chemicals, Pharmaceutical."
- Phosphorus.**—**COUNTRY**—Albright, Bradburn, Hunt & Sons.
- Pitch.**—**LONDON**—Crow, Dickinson, Dussek, Griffith, Grindley. **COUNTRY**—Appleby, Bethell J. & Co., Culpan, Demuth, Dickinson, Elsworth, Goddard, Harvey W., Kelly, Morgans, Pontithell Co., Turner, Wright. **SCOTCH**—Miller J., Ross.
- Potash.**—**COUNTRY**—Bradley, Hickling, Jones Wm., Sturge.
- Potash, Acetate.**—**LONDON**—Collins, Dunn.

- Potash, Bicarbonate.—*LONDON*—Huskisson. *COUNTRY*—Sturge.
- Potash, Bichromate.—*COUNTRY*—Bridgewater Co., Norris. *SCOTCH*—White.
- Potash, Chlorate.—*COUNTRY*—Albright, Gamble, Greenbank Co., Hardshaw Co., Hunt & Sons, Kurtz, Muspratt Jas., Tyne Co.
- Potash, Chromate.—*LONDON*—Smith B.
- Potash, Hydrate.—*LONDON*—Collins.
- Potash, Manganate.—*LONDON*—Condy.
- Potash, Nitrate.—*See* "Saltpetre."
- Potash, Permanganate.—*LONDON*—Alment, Boake, Condy.
- Potash, Prussiate.—*COUNTRY*—Badams, Crook, McKinnon, Nield. *SCOTCH*—Benny, Hurlet Co.,
- Potash, Silicate.—*COUNTRY*—Gossage, Rumney.
- Potash, Sulphate.—*LONDON*—Collins, Dunn. *COUNTRY*—Jones W., Kenyon. *SCOTCH*—Paterson,
- Potassium, Bromide.—*LONDON*—Huskisson. *COUNTRY*—Southall.
- Potassium, Cyanide.—*LONDON*—Dunn, Johnson J. *COUNTRY*—Collier, Dobb, Harris.
- Potassium, Iodide.—*LONDON*—Huskisson.
- Potassium, Sulphuret.—*LONDON*—Dunn.
- Quinine.—*LONDON*—Howard, Whiffen.
- Red Liquor.—*COUNTRY*—Barrow, Farrimond, Forrester, Rumney, Southern T., Stockdale, Vaughan.
- Rosin.—*LONDON*—Catchpole, Grindley, Smith Bros. *COUNTRY*—Smith T., Tall.
- Sal Acetosella.—*COUNTRY*—Pritchard.
- Sal Ammoniac.—*See* "Ammonia."
- Sal Prunella.—*See* "Saltcake."
- Salt.—*COUNTRY*—Blackwell Jas., Blackwell Jno., Bourne, Bush, Corbett J., Droitwich Co., Droitwich Salt Co., Fardon, Holbrook, Joule, Lycelt, Ogilvie, Seddon, Verdon, Wheelock, Wilkinson & L. Wood W.
- Saltcake.—*See also* "Soda Sulphate."—*LONDON*—East London Co. *COUNTRY*—Adkins, Bealey, Bevan, Bridgewater Co., Cannoh Co., Connah's Quay Co., Golding, Hall Bros., Hardshaw Co., Hay-Gordon, Hutchinson, Howarth W., Kenyon, McClellan, Runcorn Co., Smith & Mawdsley, Sullivan, Taylor, Vivian.
- Saltpetre.—*LONDON*—Brandram Bros., East London, Squire. *COUNTRY*—Roberts Thos., Wilton Co. *SCOTCH*—Townsend J.
- Salts, Epsom.—*LONDON*—Allen, Bethell John & Co., Howard. *COUNTRY*—Armstrong, Gamble, Jones W., Robinson T., Winsor.
- Salts, Glauber, Liquid, and Dry.—*See also* "Soda Sulphate."—*LONDON*—Ellis. *COUNTRY*—Jarrow Co., Kenyon, Morrow, Sharon Co., St. Helen's Co., Townsend.
- Salts, Spirits of.—*See* "Acids Hydrochloric and Muriatric."
- Salts, Rochelle.—*LONDON*—Howard. *COUNTRY*—Sturge.
- Silver, Nitrate.—*LONDON*—Johnson M., Johnson J.
- Soda, Washing.—*COUNTRY*—Adkins, Bailey, Drake, Grimshaw, Johnson T., Payne.
- Soda, Acetate.—*LONDON*—Ellis. *COUNTRY*—Chivers C., Jones, Lewis G., Morgans, Morris D., Morris Wm., Ogden, Singleton J., Trotter, Watson.
- Soda, Arseniate, and Binarseniate.—*COUNTRY*—Tennants & Co., Vicars T.

- Soda Ash.**—*COUNTRY*—Adkins, Allen, Bagilt Co., Bealey, Blaydon Co., Bramwell, Bury, Burnett T., Carvill Co., Connah's Quay Co., Cook Bros., Cook Jno., Crosfield, Crowther Hor., Felling, Fletcher, T., Frazer, Gamble, Gaskell, Haslem, Hills A., Hunt, Hutchinson W., Imeary, Jackson T. H., Jarrow Co., Jarrow Hill Co., Johnson T., Kurtz, Lomas, Lyon, McClellan Mease, Mort, Muspratt, Bros., Muspratt Jas., Netham Co., Nicholson J., Richardson J. G., Riley, Roberts T., Runcorn Co., Schofield, Sheldon, Slack, Smith & Mawdsley, Steele, Sullivan, St. Bede's Co., Taylor M. & G., Tennant C., Tyne Co., Washington Co., Vivian, Wells & Co., Widnes Co. *SCOTCH*—Garroway, Henderson.
- Soda, Bicarbonate.**—*LONDON*—Huskisson. *COUNTRY*—Gaskell, Hutchinson, Hunt, Jarrow Co., Kurtz, Muspratt Bros., Pattinson. *SCOTCH*—Henderson.
- Soda, Bisulphite.**—*LONDON*—Alment, Boake. *COUNTRY*—Collett, Marriott.
- Soda, Carbonate.**—*COUNTRY*—Lyon.
- Soda, Caustic, White, Yellow Cream.**—*COUNTRY*—Bagilt Co., Bouck, Bridge-water Co., Bury, Connah's Quay Co., Crosfield, Farmer, Gamble, Gaskell, Golding, Greenbank Co., Gregson, Hills A., Hutchinson, Hunt, Jarrow Co., Jones W., Kurtz, Lockwood, Lyon, McBryde, Morrow, Mort, Muspratt Bros., Muspratt, Jas., Netham Co., Riley, Roberts Dale, Roberts T., Schofield, St. Helen's Co., Sullivan, Wells Taylor M., Widnes Co. *SCOTCH*—British Seaweed Co., Garroway, Henderson.
- Soda Crystals.**—*COUNTRY*—Allen, Bealey, Blaydon Co., Burnett T., Carville Co., Cook Bros., Cook Jno., Dobson, Fletcher J., Gamble, Gaskell, Hunt W., Hutchinson, Imeary, Jackson J. & T., Jackson T. H., Jarrow Co., Jarrow Hill Co., Kurtz, Lomas, Mease, Muspratt Bros., Netham Co., Pattinson, Runcorn Co., Smith & Mawdsley, St. Bede's Co., St. Helen's Co., Tennant C., Tyne Co., Uttley, Vivian, Washington Co. *SCOTCH*—Henderson.
- Soda, Hydrate.**—*LONDON*—Collins.
- Soda, Manganate.**—*LONDON*—Condy.
- Soda, Nitrate.**—*COUNTRY*—Austin, Liverpool Co.
- Soda, Permanganate.**—*LONDON*—Alment, Condy.
- Soda, Silicate.**—*COUNTRY*—Crosfield, Gossage, Rumney.
- Soda, Stannate.**—*COUNTRY*—Tennants & Co.
- Soda, Sulphate.**—*See also* "Glauber Salts," and "Saltcake."—*LONDON*—Boake, Cumberland, Farmer. *COUNTRY*—Bradburn, Cannan, Crowther Hor., Fletcher, Gibbs Jas., Hills A., Jones W., Lomas, Mathieson, Muspratt Jas., Nicholson J., Pilkington, Richardson J. G., Spooner, St. Bede's Co., Tyne Co., Vivian. *SCOTCH*—Townsend R.
- Soda, Sulphite.**—*LONDON*—Alment, Boake.
- Soda, Phosphate.**—*LONDON*—Dunn. *COUNTRY*—Vivian.
- Spirits, Dyers'.** *See* "Dyers' Spirits."
- Strontia, Nitrate.**—*LONDON*—Cumberland, Squire.
- Strychnine.**—*LONDON*—Whiffen.
- Sulphur.**—*LONDON*—Brandram Bros. *COUNTRY*—Albright, Connah's Quay Co., Netham Co., Roberts T., Slack, Tharsis Co., Wilton Co. *SCOTCH*—Paterson.
- Sulphur, Chloride.**—*LONDON*—Alment, Forster. *COUNTRY*—Barrow, Fisher.
- Sulphur, Flowers of.**—*LONDON*—Scott. *COUNTRY*—Roberts T., St. Helen's Co., Wilton Co.
- Sulphur, Precipitated.**—*LONDON*—Forster.
- Superphosphates.** *See* "Lime Superphosphates."
- Tar and Turpentine.**—*LONDON*—Bowes, Burt, Butler, Catchpole, Clark, Clayton,

- Clarc, Dickinson, Fenner, Grindley, Hubbuck, Harrison, Papineau, Price, Robertson, Robinson, Smith Bros., Southwell, Talbot. *COUNTRY*—Appleby, Barrow J., Bennett, Blott, Bouck, Bowen, Dickinson, Elsworth, Farrow, Horrocks, Hoyle Robson, Hoyle Rich., Isherwood, Lawrie, Levinstein, Maguire, Major, Mather, Morgans, Moseley, Pontrillas Co., Runcorn Co., Tall, Turner, Wells P., Williams & Lamb. *SCOTCH*—Bogie, Bonnington Co., Briggs, Dalsholm Co., McBean, McFarlane, Mackenzie, Miller, Ross, Smith R.
- Tar Products.**—*LONDON*—Davey, Dussek, Perkin. *COUNTRY*—Demuth, Holli-day, Horrocks Jas., Hyde Co., Johnson T., Kurtz, Lowe, Metcalf T.
- Tin Crystals.**—*COUNTRY*—Bowden, Brookside Co., Bury, Rumney, Smith P., Tennants & Co., Wilkinson B. *SCOTCH*—Garroway.
- Tin, Muriate.**—*LONDON*—Smith P. *COUNTRY*—Bury, Day. *SCOTCH*—Hope.
- Tin, Solutions.**—*LONDON*—Kerney, Smith B. *COUNTRY*—Birkby, Bowden, Cowburn, Crowther G. J., Crowther Hor., Crowther Wm. & Son, Jackson T. H., Metcalf T., Robinson E., Southern G., Southern T., Sugden.
- Toluol.**—*COUNTRY*—Demuth, Major, Turner.
- Turpentine.**—See "Tar and Turpentine."
- Ultramarine.**—*LONDON*—Ehrensperger. *COUNTRY*—Pochin, Rawlins.
- Valerianates.**—*LONDON*—Forster.
- Vitriol, Oil of.** See "Acid Sulphuric."
- Zinc, Chloride.**—*LONDON*—Collins. *COUNTRY*—Winser.
- Zinc, Oxide.**—*LONDON*—Fenner, Hubbuck.
- Zinc, Sulphate.**—*COUNTRY*—Bouck & Co., Tennants & Co. *SCOTCH*—Poynter.

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HARDING, JAMES, 115, Exmouth Street, E.—*Liquid Blue*.

HARRISON, THOMAS, & Co., Lower Road, Deptford, S.E.—*Tar and Turpentine Distillery*.

HATTON, MRS. SOPHIA, & Co., White's Row, Whitechapel, E.—*Preparations for Silk, Cotton, Wool, and Leather Dyeing*.

HEMPLEMAN, FREDERICK, West Ham, E.—*Manures*.

HILLS, FRANK CLARK, Jamaica Coffee House, E.C.; and East Greenwich, S.E.—*Sulphuric Acid*.

HOLT, THOMAS, Salamanca, Vauxhall Walk, S.—*Dyes*.

HOPKIN & WILLIAMS, Bridgefield, Wandsworth, S.W.—*Pharmaceutical Preparations*.

HOULDER, WILLIAM, SON, & Co., Paul's Wharf, Upper Thames Street, E.C.; Norwood Works, Southall, Middlesex.—*Oil of Vitriol*.

HOWARD & SONS, City Mills, Stratford, E.—*Quinine, Sulphurous Acid, Borax, Epsom and Rochelle Salts, Tartaric, Citric, and Benzoic Acids, Morphia, and other Chemicals*.

HUBBUCK, THOMAS, & SON, 24, Lime Street, E.C.; and Hubuck's Wharf, Broad Street, Ratcliffe, E.—*Oxide of Zinc, Tar, and Turpentine*.

HUNT, JARED TERRET, & SON, Bow Bridge Works, Stratford, E.—*Bone Manures*.

HUSKISSON, WILLIAM & HENRY OWEN, Swinton Street, Gray's Inn Road, W.C.—*Bicarbonates Potash and Soda, Iodides and Bromide Potassium, and various Pharmaceutical Preparations*.

JOHNSON, MATTHEY, & Co., 77, Hatton Gardens, E.C.—*Nitrate Silver, Chloride Gold, Photographic Chemicals, &c.*

JOHNSON, JOHN, & SONS, 41, Cross Street, Finsbury, E.C.—*Nitrate Silver, Chloride Gold, Cyanide of Potassium, Photographic Chemicals, &c.*

JUDSON, DANIEL, & SON, Southwark Street, S.E.—*Aniline Dyes, &c.*

KEMBALL, JOSEPH & Co., Three Mills Lane, Bromley, E.—*Tartaric Acid*.

KERNEY, JAMES, Essex Chemical Works, High Street, Stratford, E.—*Nitric and Nitrous Acids, Aquafortis, and Tin Spirits*.

LAUDER & CROSSBIE, Bridge Mills, New North Road.—*Citrate Magnesia*.

- LAWES' CHEMICAL MANURE CO., LIMITED, 59, Mark Lane, E.C.,
T. ELBOROUGH, Secretary, and Creek Road, Deptford, Kent,
and Barking Creek, Essex.—*Chemical Manures, Sulphuric Acid.*
- LAWES, JOHN BENNET, Millwall.—*Tartaric Acid.*
- LEWIS, ASH, & Co., White Post Lane, Hackney Wick, E.—*Manures.*
- LONDON MANURE COMPANY, 116, Fenchurch Street; and Cubitt Town,
Millwall, E.—*Chemical Manures.*
- MAY & BAKER, Garden Wharf, Battersea, S.W.—*Pharmaceutical
Chemicals.*
- MCDUGALL BROTHERS, 10, Mark Lane.
- MEDLAND, WILLIAM, 4, Brickhill Lane, E.C.—*Miscible Naphtha.*
- MELLERSH & JOLLIFFE, Bull Wharf, Rotherhithe, S.E.—*Chemical
Manure.*
- MILLER & JOHNSON, 86, Mark Lane, E.C., and Rainham Ferry, Essex.—
Chemical Manures.
- MOCKFORD & Co., Normandy Wharf, Deptford Creek, S.E.—*Alum, Green
Copperas, and Manures.*
- MORSON, S., & SON, Hornsey Road, N.—*Creosote and Pharmaceutical
Chemicals.*
- NITRO PHOSPHATE BLOOD MANURE COMPANY, 109, Fenchurch Street,
E.C., JAMES ODAMS, Manager.—*Chemical Manures.*
- PAPINEAU, WM., & Co., Old Palace Street, Bromley, E.—*Turpentine and
Tar.*
- PAXTON, RICHARD, Broomfield Street, Poplar, E.—*Muriatic Acid.*
- PEPPER & ROBBINS, Gibraltar Walk, Bethnal Green Road, E.—*Nitric,
Muriatic, and Sulphuric Acids, Dyers' Spirits, &c.*
- PONTIFEX & WOOD, Millwall Works, Millwall, E.—*Tartaric and Citric
Acids, Oil of Vitriol, &c.*
- PRICE, CHARLES, & Co., Millwall, Poplar, E.—*Tar and Turpentine Dis-
tillery.*
- PURSER, EDWARD, Plough Wharf, Cubitt Town, E.—*Chemical Manures.*
- REES & Co., 82, King William Street, E.C.—*Chemical Manures.*
- REYNOLDS BROTHERS, 24, Mare Street, Hackney, E.—*Aniline Dyes, &c.*
- RICHARDSON, BROS., St. Helen's Place, Bishopsgate Street Within, E.C.
- ROBERTSON, WILLIAM & Co., Falcon Wharf, Holland Street, S.E.—*Tur-
pentine and Tar Distillery.*
- ROBINSON & Co., 9, Mincing Lane, E.C.—*Tar and Turpentine Distillery.*
- SALMON, HORATIO JOHN, Britannia Chemical Works, Drummond Road, Ber-
mondsey.—*Manures.*
- SCOTT & Co., Crown Works, Marshgate Lane, Stratford, E.—*Flowers of
Sulphur, Muriatic and Acetic Acid, &c.*
- SMITH, BENJAMIN, & SON, Corbet's Court, Brown's Lane, Spitalfields, E.—
*Nitric Acid, Preparations of Tin, Orchil, and Cudbear, Dyes,
Chromate Potash, Nitrous Acid, &c.*
- SMITH, PERCIVAL, & Co., Bow Common Lane, Bow, E.—*Ammonia, Liquid
Muriate and Sulphate, Iron Muriate and Nitrate, Tin Crystals
and Muriate, and Muriatic, Sulphuric, and Nitric Acids.*
- SMITH BROTHERS & Co., 101, Leadenhall Street, E.C.; and Stratford, E.
—*Creosote, Naphtha, Benzole, Tur, Turpentine, Rosin, &c.*

- SMITH, T. & H., 12, Worship Street, E.C.—*Morphia*.
- SQUIRE, W. S., & Co., Langthorne Chemical Works, Stratford, E.—*Mineral Acids, Salt Cake, Sulphate Potash, Glauber Salts, Saltpetre, Nitrates Strontia and Baryta, Citrate Magnesia, &c.*
- STANDEN, B., East Greenwich, S.E.—*Chemical Manures*.
- STEVENS, SON, & Co., 88, Mark Lane, E.C., and Weston Street, Bow Common, E.—*Chemical Manures of all descriptions*.
- SUTTON, THOMAS, & SON, 25, Hickman's Folly, S.E.—*Dyes, Indigo Extracts, Orchil and Cudbear*.
- TALBOT & ALDER, Church Row, Limehouse, E.—*Tar and Turpentine*.
- TIBBS, FREDERICK, 81, Chalk Farm Road, Camden Town, N.W.—*Dyes, &c.*
- TORR, GEORGE, Trundley's Lane, Lower Road, Deptford, S.E.—*Animal Charcoal*.
- UNION CHEMICAL COMPANY, LIMITED, West Ham, E.—*Sulphate of Ammonia*.
- UNIVERSAL MANURE COMPANY, Globe Wharf, Rotherhithe, S.E.—*Chemical Manures*.
- WALLACE, H., & Co., New Road, Battersea Park, S.W.—*Sulphuric, Nitric, and Muriatic Acids*.
- WHIFFEN, THOMAS, Lombard Road, Battersea, S.W.—*Quinine, Strychnine, &c.*
- WHITE, THOMAS & ALFRED, Castle Street, Saffron Hill, E.C.—*Oil Vitriol*.
- WILLIAMS, THOMAS & DOWER, Star Chemical Works, New Brentford—*Aniline Dyes and Colours*.
- WILSON, W., & Co., 1 Jubilee Street, Mile End Road.—*Aniline Dyes*.
- WILSON, GEORGE, H., Forest Lane, Stratford, E.—*Sulphuric Acid and Bone Manures*.
- WINDHAM, & Co., Victoria Dock, E.—*Creosote*.
- WINSTONE, BENJAMIN, 100, Shoe Lane, E.C.; and Stratford, E.—*Creosote*.
- WORRINGHAM, THOMAS, H., & Co., Black Horse Road, Deptford, S.E.—*Naphtha*.
- WRIGHT, SELLERS, & RAYNER, Southwark Street, S.E.—*Pharmaceutical Preparations*.

CHEMICAL MANUFACTURERS.

Counties.

- ADAMS & WHITE, Bromsgrove, Worcestershire—*Indigo Extracts*.
- ADKINS, THOMAS, & Co., Smethwick, Birmingham—*Red Lead, Oil of Vitriol, Muriatic Acid, Soda, Soda Ash, Bleaching Powder, Salt Cake and Manures*.
- ALDRED, J. (Ex. of the late), Chemical Works, Rotherham, Yorkshire.
- ALBRIGHT & WILSON, Oldbury (Worcestershire), near Birmingham—*Phosphorus, Chlorate of Potash, Lac Sulphur*.
- ALLEN, JOHN & WILLIAM, Wallsend, Newcastle-on-Tyne—*Alkali, Soda Ash and Crystals, and Bleaching Powder*.
- ANDERTON, EDWARD DIXON, Carnon Vitriol Works, Devoran, Cornwall—*Sulphuric Acid*.
- APPLEBY, MRS., J., Heworthshore, Gateshead, Durham—*Tar and Turpentine, Pitch*.
- ARMITAGE AND SON, Aston Road, Birmingham—*Sulphate and Muriate of Ammonia*.
- ARMITAGE, WILLIAM, Victoria Chemical Works, Clarence Road, Leeds—*Productions from Distillation of Wood, Naphtha, &c.*
- ARMSTRONG, HENRY, Mulgrave Chemical Works, Lyth, Whitby, Yorkshire—*Alkali and Epsom Salts*.
- ARNOTT BROTHERS & Co., Albion Chemical Works, 7, Mersey Chambers, Liverpool. London, 88A, King William Street, E.C.—*Ammonia*.
- ASBURY, E., & SON, Louisa Street, Birmingham—*Oil Vitriol*.
- ASHWORTH, JOSEPH, Frodsham Bridge, Frodsham, Cheshire—*Bone Manures*.
- ASTLE, WILLIAM, Etruria, Staffordshire—*Copperas and Iron Liquor, Ammonia, Sulphate, Sulphuric, Muriatic, and Nitric Acids*.
- ATLAS CHEMICAL COMPANY, LIMITED, Widnes, Lancashire—*Salt-Cake and Bleaching Powder*.
- AUSTIN, JOHN, Allscott Chemical Works, Wellington, Salop—*Oil Vitriol, Pyroligneous Acid and Spirit, Pyroligneous Lime, Oxide Iron, Sulphate Ammonia, Nitrate Soda, Chemical Manures*.
- BADAMS, WILLIAM, Spring Hill Colour Works, Birmingham—*Prussiate Potash, Pulp Chinese and Prussian Blues*.
- BAILEY, WILLIAM, & SON, Horseley Fields Chemical Works, Wolverhampton, Staffordshire; London, 2, Abchurch Yard, Cannon Street, E.C.—*Photographic, Telegraphic, Pharmaceutical, and pure Chemicals, Sulphites and Bisulphites of Lime, Soda, Ammonia*. See Advertisement.
- BAKER, H. J., Boulby Chemical Works, Saltburn, Yorkshire—*Alum*.
- BALY, SUTTON, & Co., Runham Chemical Works, Great Yarmouth, Norfolk—*Muriatic, Nitric, and Sulphuric Acids, Sulphate Ammonia, Superphosphate Lime, and Chemical Manures*.

- BANKHALL OIL WORKS, LIMITED, Canada Docks, Liverpool—*Naphtha*.
- BAGILT CHEMICAL COMPANY, Bagilt, Flintshire—*Soda Ash and Caustic Soda*.
- BARBOW, JOHN, Dalton Chemical Works, Clayton, near Manchester.—*Tar Products, Ammonia Liquor and Salts, Sulphur, Bisulphide of Carbon, Red and Iron Liquor*.
- BARBOW, WILLIAM WRIGHT, Wilmington, Hull—*Chemical Manures*.
- BARTON, RICHARD WILLIAM, West Leigh Chemical Works, Leigh, Lancashire—*Alkali*.
- BASFORD CHEMICAL COMPANY, Basford Chemical Works, Basford, Nottingham—*Sulphuric Acid from Brimstone, Sulphate of Ammonia, Muriatic Acid*.
- BEALEY, RICHARD, & Co., Radcliffe Alkali Works, Radcliffe, Manchester—*Hydrochloric, Sulphuric, and Muriatic Acids, Chloride of Lime, Bleaching Liquor, Soda Ash, Crystals, and Salt Cake*.
- BEATSON, WILLIAM, Masboro' Chemical Works, Rotherham, Yorkshire—*Sulphuric, Nitric, and Muriatic Acids*.
- BECKER, H., & Co., Slack's Valley Chemical Works, Chadderton, Manchester—*Oil of Vitriol, Spirits Salts, Aquafortis, &c.*
- BENNETT, A., Openshaw, Manchester—*Tar and Turpentine*.
- BETHELL, JOHN, & Co., Clayton Chemical Works, Clayton, Manchester—*Cake Alum, Epsom Salts, Creosote, Naphtha, Anthracene, Carbolic Acid, Sulphuric Acid, Benzole, Benzine, Pitch, &c.* See Advertisement.
- BETHELL, JOHN, Lightbody Street, Liverpool—*Creosote*.
- BEVAN, JOHN, Llanelly Chemical Works, Llanelly, Carmarthenshire—*Sulphuric Acid, Naphtha, Acetates of Lead and Lime, Salt Cake*.
- BIBBY, RICHARD E., Haughton Chemical Works, Denton, Manchester.—*Aniline Dyes, &c.*
- BIRBY, JOSEPH, Hightown, via Normanton, Yorkshire—*Tin Solutions, Muriatic, Sulphuric, and Nitric Acids and Solutions of Iron, Cudbear, Orchil, and Extract of Indigo*.
- BLACKER, DAVID, Thornhill Lees, Dewsbury—*Extract of Indigo, Dyers' Solutions, Mordants, &c.*
- BLACKWELL, JAMES, Malkin's Bank, Sandbach, Cheshire—*Salt*.
- BLACKWELL, JOHN, Rode Heath, Congleton, Cheshire—*Salt*.
- BLAIR, H., & Co., Kersley Chemical Works, Kersley, Manchester—*Alkali*.
- BLAYDON MANURE AND ALKALI COMPANY, BLAYDON CHEMICAL WORKS, Blaydon-on-Tyne, Durham; and Queen Street, Newcastle-on-Tyne, Northumberland—*Alkali, Soda Crystals and Ash, Bleaching Powder, Sulphuric Acid, Superphosphate, and other Manures*.
- BLOTT, J. J., & Co., Runham, Yarmouth—*Ammonia, Tar and Turpentine*.
- BLYTHE, WILLIAM, & Co., Holland Bank Chemical Works, Church, Accrington, Lancashire—*Chemical Products for Bleachers, Dyers, and Calico Printers*.
- BOND, F. (Exors. of the late) Newbridge Hill, Louth, Lincolnshire—*Anthracene, Naphtha, Creosote, Benzole, Sulphate of Ammonia*.

- BOREHAM ALKALI COMPANY, 60, South Castle Street, Liverpool—*Alkali*.
- BOTTOMLEY, J. C., Brookfoot Chemical Works, Brighouse, Yorkshire—*Nitric and Muriatic Acids, Dyers' Solutions, &c.*
- BOUCK & Co. (LIMITED), Miles Platting, Manchester—*Caustic Soda, Nitrate of Lead, Anthracine, Sulphate of Copper, Sulphate of Zinc, Tar and Ammoniacal Products, &c.*
- BOURNE & GREAVES, Phoenix Works, Droitwich—*Salt*.
- BOWDEN, JOSEPH, Zara Street, Chemical Works, Manchester—*Nitric Acid, Tin Crystals and Solutions, Copper and Iron Solutions for Dyers, Aniline Colours, &c.*
- BOWDLER & BICKERDIKE, Eagle Chemical Works, Church, Accrington, Lancashire—*Carbolic Acid, Picric Acid, Aurine, Aniline Dyes.*
- BOWEN, HENRY, Union Chemical Works, Morriston, Swansea—*Oil of Vitriol.*
- BOWEN, JOHN, Lythrid Chemical Works, Park Mill, Gower, Swansea, Glamorganshire—*Acetate of Lime, Naphtha, Charcoal, Wood Tar, &c.*
- BOWER, WILLIAM H., Brookfield Works, Gorton Lane, West Gorton, Manchester—*Acetic Acid.*
- BOWES, JOSEPH & Co., Roper Street, Whitehaven, Cumberland—*Ammonia Sulphate, Carbolic Acid, Tar Distiller.*
- BOWSKILL, THOMAS, Mansfield, Nottingham—*Ammonia.*
- BRADBURN & Co., Wednesfield, Wolverhampton, Staffordshire—*Sulphuric Acid, Sulphate Ammonia, Sulphate Soda, Stick and Block Phosphorus, Precipitate and Sulphate Copper, Copperas, Oxide Iron.*
- BRADBURY, THOMAS, L., Winsford, Cheshire—*Bone Manures.*
- BRADLEY, CHARLES HENRY, New Street, Huddersfield, Yorkshire—*Potash.*
- BRAMWELL, THOMAS & Co., Heworth Shore, Gateshead—*Soda Ash, Refined Alkali, and Bleaching Powder.*
- BRAY & THOMPSON, Heybrook Chemical Works, Tunstall, Stoke, Staffordshire—*Alum.*
- BRIDGEWATER SMELTING COMPANY, Bridgewater Works, St. Helen's, Lancashire—*Salt Cake, Bichromate of Potash, Caustic Soda, &c.*
- BROOKE, SIMPSON, & SPILLER (late PERKIN & SONS), Greenford Green, Harrow, Middlesex; London: 9, Fenchurch Street—*Alizarine, Aniline Dyes, &c.*
- BROOKSIDE CHEMICAL COMPANY, Oswaldtwistle, Lancashire—*Indigo Extracts, Tin Crystals, Dyes, &c.*
- BROWN, JOHN (EXORS. of Late), Ford Works, South Hylton, Sunderland, Durham—*Charcoal, Wood Naphtha, Acetate of Lime.*
- BURNARD, LACK, & ALGER, Chemical Works, Plymouth—*Sulphuric Acid, Chemical Manures.*
- BURNETT, T. & SONS, Bill Quay, Dunstan Alkali Works, Gateshead, Durham; Offices: 2, Lombard Street, Newcastle-on-Tyne; London, 15, Fenchurch Street, E.C.—*Refined Alkali, Soda Ash, and Crystals, Bicarbonate of Soda, Bleaching Powder.*
- BURRELL, R. & W., Bury St. Edmunds, Suffolk—*Sulphuric Acid, Superphosphate, and Chemical Manures.*

- BURRELL, JOHN, 80, Biggmarket, and Tyne Manure Works, St. Lawrence, Newcastle-on-Tyne—*Superphosphate Lime, Dissolved and Ground Bones, Bone Meal, and Chemical Manures.*
- BURY, HENRY & Co., Church Lane Chemical Works, Church, Accrington, Lancashire—*Acetic, Sulphuric, Nitric, and Muriatic Acids, Alum, Nitrate Lead, Soda Ash, and Liquid Caustic Soda, Tin Crystals and Muriate; Dyers', Bleachers', and Printers' Solutions.*
- BUSH & SON, Middlewich, Cheshire—*Salt.*
- BUTLER, WILLIAM, & Co., St. Philip's, Bristol; and Upper Parting, Gloucester—*Mineral Naphtha, Creosote, Carbolic Acid, Benzole, Anthracene, Turpentine, Pitch, Lamp and other Blacks, and Sulphate of Ammonia.*
- CALVERT, F. C., & Co., Tower Chemical Works, Gibbons Street, Bradford, near Manchester—*Carbolic Acid, Picric Acid, Aurine, Mordants, Dyers' Solutions.*
- CALVERLEY, JOSEPH, Accrington, Lancashire.
- CAMBRIDGE MANURE COMPANY, LIMITED (CHAS. THURNALL, Manager), Whittlesford, Cambridge—*Superphosphates, Ground Coprolites, and Chemical Manures.*
- CANNAN, WILLIAM, Adolphus Chemical Works, Bradford, Yorkshire—*Sulphate of Soda.*
- CANNOP CHEMICAL COMPANY, Cannop Works, Coleford, Gloucester; London Agents, CHARLES & FOX, 8, Mincing Lane—*Wood Charcoal, Naphtha, Tar, Patent Lamp Black, Sugar of Lead, Oil of Vitriol, and Salt Cake.*
- CARGREEN MANURE COMPANY, 4, Kirby Place, and Cargreen-on-Tamar (near Plymouth); Manager, Mr. W. H. LANGMAN—*Chemical Manures.*
- CARR, JOSIAH, & SON, Highfield Chemical Works, Dewsbury Road, Leeds, —*Cudbear Orchil, Oil of Vitriol, Ammonia, &c.*
- CARR, JAMES, Knostrop, Leeds—*Orchil and Cudbear.*
- CARVILLE, CHEMICAL COMPANY, LIMITED, Mosley Street, and Wallsend, Newcastle-on-Tyne—*Soda Ash and Crystals, Refined Alkali, Bleaching Powder.*
- CASTELAZ, JOHN, Crumpsall Vale Chemical Works, Blackley, near Manchester—*Aniline Preparations and Dyes, Benzole, Picric Acid.* See Advertisement.
- CHANCE BROTHERS & Co., Alkali Works, Oldbury, near Birmingham; London, 104, Finsbury Circus—*Alkali.*
- CHAPMAN, H., & Co., Cornhill, Ipswich; Works, Bramford, near Ipswich, Suffolk—*Sulphuric Acid, Superphosphate of Lime, Chemical Manures, &c.*
- CHIVERS, CALEB, & Co., Carmarthen Chemical Works, Carmarthen—*Gunpowder and other Charcoals, Acetate of Lime, White and Brown Acetate of Soda, Sugar of Lead, &c.*
- DITTO, Brechfa Chemical Works, Carmarthen—*Solvent and Miscible Naphtha, &c.*
- DITTO, Maisyewmmer Chemical Works, Poutlemfraith, near Newport, Monmouthshire—*Charcoals, Naphthas, Acetate of Lime, &c.*

- CHIVERS, TODD, & CHIVERS, Pontypridd, Glamorganshire. London Agents, LISTER & BIGGS, 8, Laurence Pountney Hill, E.C.—*Acetates of Lead and Lime, Vegetable Naphtha, Charcoal.*
- CLARIDGE, F., & Co., Warwick—*Annatto.*
- CLARKE, WILLIAM HENRY, Blackstock Street, Liverpool—*Acetic Acid.*
- CLAPHAM, ANTHONY, Newcastle-on-Tyne—*Sulphate of Ammonia.*
- CLEVELAND CHEMICAL MANURE COMPANY, Stokesley, near North Allerton—*Chemical Manures.*
- COLLIER, WILLIAM, & Co., Hereford St., Sheffield, Yorkshire—*Fluoric and Nitric Acids, Aquafortis, Cyanide Potassium, Ammoniacal Liquor, &c.*
- CONNAH'S QUAY CHEMICAL AND COAL COMPANY, THE NEW LIMITED, Connah's Quay, Flint, North Wales—*Soda Ash, White and Cream Caustic Soda, Bleaching Powder, Brimstone, Pyrites, Vitriol, Salt Cake, &c.*
- COOK BROTHERS, Office, 44, Dean Street, Newcastle-on-Tyne; and Union Chemical Works, Bill Quay, near Gateshead, Durham—*Soda Ash and Crystals, Alkali, and Bleaching Powder.*
- COOK, JOHN, Office, 44, Dean Street; and St. Anthony's Chemical Works, Newcastle-on-Tyne—*Soda Ash and Crystals, Alkali, and Bleaching Powder, Sulphuric Acid.*
- COOKSON & Co., Hewdon Smelting Works, Newcastle-on-Tyne; London Agent, THOS. GARDINER, 8, Cullum Street, E.C.—*Antimony, White Lead.*
- COLEMAN, W. J., & Co., Bury St. Edmunds—*Bisulphite of Lime.*
- COLCHESTER, WILLIAM, St. Clements, Ipswich—*Chemical Manures.*
- COLLETT, J. M., & Co., Regent Street, Gloucester—*Bisulphite of Lime and Soda, Sulphurous Acid, &c.*
- CORBETT, JOHN, Stoke Prior Salt Works, Bromsgrove, Worcester; London, 117, Lower Thames Street, E.C.—*Salt.*
- CORNWALL ARSENIC COMPANY, Marazion, Cornwall—*Lump and Ground Arsenic.*
- COTTON, THOMAS, & SON, Folly Hall, Deadwater, Huddersfield, Yorkshire—*Liquid and Sulphate of Ammonia, Benzole, Naphtha, Creosote.*
- CROFT, THOMAS, & Co., Albion Chemical Works, Seacombe, Cheshire—*Precipitated Phosphate of Lime.*
- COWBURN & CROWTHER, Drub Lane Chemical Works, Gomersal, near Leeds, Yorkshire—*Dyers' Spirits, Tin Solutions, &c.*
- COUPE, E. & M., St. Helen's Chemical Works, Brindle, Chorley, Lancashire—*Mordants, Naphtha, Acetic Acid, Wood Charcoal.*
- CRABB, WM., Sillioth, Cumberland—*Sulphuric Acid.*
- CROMPTON, GEORGE, 12, Bury Street, Salford, Manchester—*Acetic Acid, Naphtha, &c.*
- CROMPTON & POTTER, Hall Chemical Works, Little Lever, near Bolton, Lancashire—*Oil of Vitriol.*
- CROSFIELD BROTHERS, & Co., St. Helen's, Lancashire—*Soda Ash, Caustic Soda, and Bleaching Powder.*
- CROSFIELD, JOSEPH, & SONS, Bank Quay Soap Works, Warrington, Lancashire—*Silicate Soda and Soaps.*

- CROSSLEY, F. B., & Co., Stafford Chemical Works, Alverthorpe Road, Wakefield.
- CROWTHER, GEORGE J., & Co., Woodhouse Chemical Works, Leeds—*Sulphuric, Muriatic, and Nitric Acids, Copperas, Tin and Iron Solutions, Ammonia, &c.*
- CROWTHER, HORATIO, & Co. (RICHARD BAILES), Woodhouse Carr, Leeds—*Sulphate Soda, Soda Ash, Copperas, Tin Solutions, Dyers' Spirits, Aquafortis, Sulphuric and Muriatic Acids.*
- CROWTHER, WILLIAM & SONS, Gomersal Chemical Works, near Leeds—*Sulphuric, Nitric, and Muriatic Acids, Tin and Iron Solutions.*
- CROWTHER, HALLSWORTH, & Co., Armley Chemical Works, Leeds—*Copperas, Liquid Peroxide of Iron.*
- CROWTHER & Co., Plaskinaston Chemical Works, Ruabon—*Carbolic and Picric Acid, Aurine.*
- CULPAN, JOHN, & SONS, Heckmondwike, Yorkshire—*Naphtha, Benzole, Carbolic Acid, Anthracine, Creosote, Pitch, Liquid Ammonia.*
- DANTEG, W., Mersey Chemical Works, Statham, Warrington—*Chemical Manure.*
- DAVIS, S. T., Wilmington, Hull—*Chemical Manure.*
- DEMUTH, LEWIS, & Co., Springfield Chemical Works, Oldbury, near Birmingham, Worcestershire—*Benzole, Toluol, Carbolic Acid, Naphthas, Creosote, Pitch, Anthracine, and Coal Tar Products.*
- DENTITH, THOMAS, Hargreaves Street, Manchester—*Chemical Products for Cotton, Worsted, Silk Dyers, and Calico Printers.*
- DERBYSHIRE, J. C., Bank Chemical Works, Church, Accrington, Lancashire.
- DAY, GEORGE KNOX, Thwaite Gate Chemical Works, Hunslet, Leeds—*Ammonia, Sulphate and Liquid, Nitric and Muriatic Acids, Glauber's Salts, Nitrate of Iron, Muriate of Tin, and Dyers' Spirits.*
- DICKINSON, ARTHUR JOHN, Murston Chemical Works, Sittingbourne—*Creosote and Tar, Pitch, Sulphate of Ammonia, and Chemical Manures.* See also London.
- DIXON & CARDUS, Redbridge, near Southampton—*Superphosphates.*
- DOBB, J. T., Lion Chemical Works, 68, West Bar, Sheffield—*Cyanide of Potassium, Nitrous, Nitric, and Fluoric Acids, Oxide Manganese.*
- DOBSON, THOMAS, & Co., Manayunk Chemical Works, Church, near Accrington, Lancashire—*Salts of Ammonia, Soda Crystals, Soaps.*
- DRAKE, Z., & SONS, Belle Works, Huddersfield—*Dyers' Solutions, Soda, &c.*
- DROITWICH SALT COMPANY, LIMITED (J. H. BRADLEY, Manager), Droitwich, Worcestershire; London, BUMSTEAD & Co., Lower Thames Street, E.C.—*Salt.*
- DROITWICH SALT COMPANY (GOPSILL, BROWN, & Co.), Docks, Gloucester.
- EDEN, JONES, & Co., Temple Back, Bristol—*Oil of Vitriol.*
- ELLIS, JOHN, Wortley Lane, Leeds—*Ammonia and Aquafortis.*
- ELLIS, JOSEPH, & SONS, Sparkenhoe Works, Leicester—*Superphosphate and Chemical Manures.*
- ELSWORTH, JOHN, & SONS, Church Street, Sculcoates, Hull—*Creosote, Naphtha, Benzole, Benzine, Anthracine, Pitch.*
- EMMETT, JAMES, Old Malt Kiln, Thomas Yard, Leeds—*Indigo Extract.*
- ENGLISH ARSENIC COMPANY, Grottyhan, Cornwall—*Arsenic, Various.*

- FARDON, JOSEPH A., Vine Chemical Works, Droitwich, Worcestershire—*Salt and Chemical Manures.*
- FARMER, JAMES, Gorton Brook Chemical Works, West Gorton, near Manchester—*Sulphuric, Nitric, and Muriatic Acids, Caustic Soda, and Solutions for Calico Printers and Dyers.*
- FARMERS' MANURE COMPANY LIMITED, Royston, Cambridgeshire; London: Stratford, E—*Chemical Manure.*
- FARRIMOND, WILLIAM & SON, Chemical Works, Latham, near Ormskirk, Lancashire—*Wood Naphtha, Iron and Red Liquor, Mordants, and Wood Charcoal.*
- FARROW, JOSEPH, Bungay, Suffolk—*Tar and Turpentine.*
- FELLING COAL, IRON, AND CHEMICAL COMPANY, Quayside, Newcastle-on-Tyne—*Soda Ash, Bleaching Powder.*
- FIELDING & HIGGINBOTTOM, Chemical Works, New Mills, *via* Stockport.
- FIELDS MERCANTILE COMPANY, LIMITED, Castle Foregate, Shrewsbury—*Acetic Acid and Alum.*
- FISHER, JESSE, & SON, Phoenix Chemical Works, Madeley Hill, Ironbridge, Salop—*Tetrachloride of Carbon, Bisulphide of Carbon, Chloride of Sulphur, Sulphuric, Nitric, and Muriatic Acids, Coal and Wood Naphtha and Oils, Carbolic Acid, Chemical Manures.*
- FISON, JAMES, & SONS, Chemical Works, Thetford, Norfolk—*Oil of Vitriol, Sulphate of Ammonia, Coprolites, Superphosphate of Lime, Chemical Manures.*
- FISON, JOSEPH, Eastern Union Chemical Works, Ipswich, and Bramford, Suffolk—*Sulphuric Acid and Chemical Manures.*
- FLETCHER, ROBERT, & SON, Farnworth Chemical Works, Worsley Road, near Bolton, Lancashire—*Sulphuric Acid.*
- FLETCHER, J., Broadfield Chemical Works, Heywood, Manchester—*Soda Crystals, Sulphate of Soda, Oils, and Grease.*
- FLETCHER, THOMAS, Dearnley Chemical Works, Dearnley, near Rochdale, —*Soda Ash, &c.*
- FORRESTER, T., & Co., Crosse Hall Mills, Chorley, Lancashire—*Dunging and Red Liquors, &c.* See Advertisement.
- FRAZER, ROBERT, & SONS, High Jarrow Chemical Works, Newcastle-on-Tyne—*Soda Ash, Bleaching Powder.*
- GALEN CHEMICAL COMPANY, Ettingshall, near Wolverhampton, Staffordshire—*Ammonia Liquor and Salts, and Sulphuric Acid.*
- GAMBLE, JOS. C., & SON, Gerard's Bridge Chemical Works, St. Helen's, Lancashire—*Bleaching Powder, Chlorate of Potash, Epsom Salts, Soda Ash, Crystals, and Caustic Soda, Chloride Calcium.*
- GARDINER, ANDREW, Seaham Street, Newcastle-on-Tyne—*Liquid Ammonia,*
- GASKELL, DEACON, & Co., Alkali Works, Widnes, near Warrington, Lancashire—*Refined Alkali, Soda Ash, Caustic Soda, Cream and White, Crystals, and Bicarbonate, Bleaching Powder, Chloride of Barium, and Calcium.*
- GIBBS, JAMES, Cattedown, Plymouth—*Sulphuric and Hydrochloric Acids, and Sulphate of Soda.*
- GIBBS, J., Avon Street, Bristol—*Oil of Vitriol.*

- GIBBS, JAMES, Cwmbraw Chemical Works, Cwmbraw, near Pontypool, South Wales—*Oil of Vitriol*.
- GOADSBY & Co., Newton Heath, Manchester; London, 2, Swan Yard, Bishopsgate Street—*Chromes, Pulp Blues*.
- GODDARD, EBENEZER, Bramford, Suffolk—*Naphtha, Benzole, Carbolic Acid, Creosote, Anthracine, Pitch, Asphalte*.
- GOLDING, DAVIS, & Co., LIMITED, Marsh Alkali Works, Widnes, Lancashire—*Salt Cake, Caustic Soda, Bleaching Powder*.
- GOOLE ALUM AND SMELTING COMPANY, LIMITED, Goole, Yorkshire—*Alum*.
- GOOLE & Co. PURE TILLAGE COMPANY, LIMITED, Gould, Yorkshire—*Sulphuric Acid Manure*.
- GOSSAGE, WILLIAM, & SONS, Widnes, Lancashire; London Agents, CLARKE & COSTE, 20, Water Lane, E.C.—*Soaps, Silicates of Soda, and Potash*.
- GRAHAM, WILLIAM, Farnworth, Bolton—*Oil of Vitriol*.
- GREEN, GEORGE A., & Co, Herbert Street, Portsmouth—*Creosote and Tar Products, Wood, and Mineral*.
- GREENBANK ALKALI COMPANY, LIMITED, Greenbank Alkali Works, St. Helen's, Lancashire—*Caustic Soda and Soda Ash, Pure Chlorate of Potash, Chloride of Calcium, Muriate of Lime, &c.*
- GREENWOOD, S., Attercliffe Bridge Works, Sheffield—*Naphtha*.
- GREGSON, ROBERT, Aspull Works, near Wigan, Lancashire—*Copperas and Caustic Soda*.
- GRIFFIN, MORRIS & GRIFFIN, Ceres Chemical Works, Wolverhampton—*Chemical Manures*.
- GRIFFITHS & COOK, Farm Street, Birmingham—*Aquafortis*.
- HAAS, JULIUS ROBERT, & Co., Neville Street, Leeds—*Refined Indigo, Extract and Soluble Indigo*.
- HADFIELD, GEORGE, & Co., Lightbody Street, Liverpool—*Chemical Manures, Oil Vitriol, &c.*
- HADFIELD, THOMAS, Pumpfields, Vauxhall Road, Liverpool—*Acetic Acids, Bone and Wood Charcoals, Acetate Lime, Naphtha, Sulphate Ammonia, Bone Manures, &c.*
- HADLAND & Co., Dan Y Graig Works, Swansea—*Arsenic*.
- HALL BROTHERS & SHAW, West Bank Chemical Work, Widnes, Lancashire—*Salt Cake and Bleaching Powder*.
- HALL, A. W., & Co., Chemical Works, Redbridge, near Southampton, Hants—*Sulphuric Acid and Chemical Manures*.
- HARDSHAW BROOK, Chemical Company, St. Helen's, Lancashire—*Alkali, Salt Cake, and Chlorate of Potash*.
- HARRIS, PHILIP, & Co., Bull Ring, Birmingham.—*Pure Muriatic, Nitric and Sulphuric Acids, Hydrocyanic and Fluoric Acids, Photographic Chemicals*.
- HARTLEY, ISAAC, Wood Mill, Eastwood, Todmorden, Yorkshire.
- HARTLEY, JOSEPH, West Gorton, near Manchester—*Bisulphide of Carbon*.
- HARVEY, WILLIAM, Cattedown, and Laird, near Plymouth—*Tar Distiller, Benzole, Carbolic Acid, Creosote, Anthracine, Pitch, Ammonia Sulphate and Liquor*.

- HASLEM, WILLIAM, Burnden Chemical Works, Bolton, Lancashire—*Soda Ash, Sulphuric and Muriatic Acids, Sulphate of Copper, Bleaching Liquor, &c.*
- HAWORTH & NUTHALL, Oswaldtwistle, Accrington, Lancashire—*Acetic Acid.*
- HAY-GORDON & CO., Widnes, Lancashire — *Salt Cake and Bleaching Powder.*
- HAZLEHURST & SON, Camden Chemical Works, Runcorn—*Alkali.*
- HEMINGWAY, S., & CO., Bradford, Yorkshire—*Bleaching Powder.*
- HENRY, THOS. & WM., East Street Chemical Works, Manchester—*Pharmaceutical Chemicals.*
- HICKLING & CO., Banbury Street, Birmingham—*Glassmakers' Refined Ashes, Salts of Tartar, Lac Sulphur, &c.*
- HIGGIN, JAMES, & CO., 22, Little Peter Street, Manchester—*Dyers' and Calico Printers' Preparations.*
- HILL, W., & SONS, Vauxhall Road, Liverpool—*Oil Vitriol.*
- HILLS, ARTHUR, Cannock Chase Chemical Works, Hammerwich, near Lichfield, Staffordshire—*White and Brown Sulphuric Acid, Nitric Acid, Oxide of Iron, Copperas, Sulphate of Soda, Superphosphate of Lime, Bone and Chemical Manures, Bleaching Powder, Soda Ash, Caustic Soda.*
- HILLS, ARTHUR, Wepre Brook Chemical Works, Connah's Quay, near Flint, Flintshire—*Sulphuric Acid, Rectified and Brown, and Chemical Manures.*
- HILLS, EDWIN, Tichfield, Hants—*Chemical Manures.*
- HIRST, BROOKE, & HIRST, Airedale Chemical Works, Bishopsgate Street, Leeds—*Wood Naphtha, Acetic Acid, Charcoal, Pyroligneate of Iron, Orchal.*
- HODGES, JAMES, Windmill Street, Manchester—*Indigo Extracts.*
- HODGKIN, M. E., Derby Lane, Liverpool—*Borax.*
- HODGSON BROTHERS & HODGSON, North of England Chemical Works ; Office, Clothmarket, Newcastle-on-Tyne—*Superphosphate and Chemical Manures.*
- HOLBROOK, REUBEN, Newport, Isle of Wight—*Salt.*
- HOLLIDAY, READ & SONS, Turnbridge Chemical Works, Huddersfield.—*Aniline Dyes, Naphtha, Benzole and Coal Tar Products, Indigo.*
- HOLLIDAY, READ & SONS, Calder Vale Chemical Works, Wakefield, Yorkshire.
- HOLLOWAY, H. R., Belle Vue Chemical Works, Park Road, Southampton—*Refined, Prepared, Precipitated, and Camphorated Chalks.*
- HORNBY & CO., Don Vitriol Works, Attercliffe, Sheffield — *Sulphuric, Nitric, Fluoric and Muriatic Acids and Ammonia, Dyers' Spirits, &c.*
- HORROCKS, JAMES, Daubhill Chemical Works, Bolton, Lancashire—*Tar Products.*
- HORROCKS & BAKER, Leigh, Lancashire—*Tar and Turpentine.*
- HOWARTH, WILLIAM, & SONS, Miles Platting, Manchester—*Alkali, Sulphuric and Muriatic Acids, Salt Cake, &c.*

- HOWARTH, J., Brookside Mill, Church, Accrington, Lancashire—*Indigo Extracts, &c.*
- HOYLE, ROBSON, & Co., Close, Newcastle—*Tar and Turpentine.*
- HOYLE, RICHARD, 11, Queen Street, Newcastle-on-Tyne—*Turpentine and Coal Tar Products, Lamp Black, &c.*
- HUGGON & COMPANY, Chemical Works, Leeds—*Dyers' Solutions, Colloidion, &c.*
- HUNT & SONS, Lea Brook Chemical Works, Wednesbury—*Soda, Caustic and Bicarbonate Soda, Chlorate Potash, Phosphorus.*
- HUNT, WILLIAM, Aire and Calder Chemical Works, Castleford, Normanton, Yorkshire—*Soda Ash and Crystals, Sulphuric Acid, Chloride Lime.*
- HUNT & JENNINGS, Spalding, Lincolnshire—*Chemical Manures.*
- HUNTER & Co., Newcastle-on-Tyne—*Green Copperas.*
- HUTCHINSON, JOHN, & Co., Widnes, Lancashire. Office, Liverpool, 50, Lord Street—*Salt Cake, Soda Ash, Refined Ash, Soda Crystals, Bicarbonate of Soda, Caustic Soda, Bleaching Powder, and Recovered Sulphur.*
- HYDE CHEMICAL COMPANY, Hyde, near Manchester—*Tar Distillers.*
- ILLINGWORTH & Co., Frizenhall, Leeds—*Ammonia.*
- INEARY, R., Heworth Works, Lower Heworth, Gateshead—*Alkali, Soda Ash, Crystals, and Bleaching Powder.*
- ISHERWOOD, J. & E., Stonelough, Kearsley, Manchester—*Tar and Turpentine.*
- JACKSON, JAS. & THOS., Waterside, Halifax, *Nitric, Hydrochloric, and Sulphuric Acids, Ammonia, Soda, Crystals, &c.*
- JACKSON, THOS., Clayton, near Manchester—*Sulphuric, Nitric, and Muriatic Acids, Dyers' and Printers' Solutions, Liquid Caustic Soda.*
- JACKSON, THOMAS HARDY, Springfield Chemical Works, Hightown, *via* Normanton, Yorkshire—*Dyers' Spirits, Tin Solutions, Ammonia, Soda Ash, Crystals, &c.*
- JARROW CHEMICAL COMPANY, Jarrow Chemical Works, South Shields; and Friars Gorse Works, Gateshead; London Agency, C. TENNANT, SONS, & Co., 9, Mincing Lane, E.C.—*Refined Alkali, Caustic Soda, Soda Ash, Crystals, and Bicarbonate Glauber Salts, Oil of Vitriol, Bleaching Powder.*
- JARROW HILL CHEMICAL COMPANY, Jarrow, Gateshead—*Soda Ash and Crystals, Bleaching Powder.*
- JOHNSON, THOS., Blackshaw Beck Chemical Works, Shelf, Halifax—*Nitric, Sulphuric, and Muriatic Acids, Ammonia, Soda, Soda Ash, Dyers' Solutions, Coal Tar Products, &c.*
- JONES, JOHN & Co., Mayhill, Usk, Monmouthshire—*White, Grey, and Brown Sugar of Lead, Acetates of Soda and Lime, Solvent and Miscible Naphtha.*
- JONES, WILLIAM, & Co., Middlesborough, Yorkshire—*Carbonate Potash, Epsom Salts, Oxalic Acid, Sulphuric and Muriatic Acids, Caustic Soda, Bleaching Powder.*
- JORDAN, GEORGE, Great Howard Street, Liverpool—*Chemical Manures.*
- JOULE, JAMES, Middlewich, Cheshire—*Salt.*
- JUDSON & SONS, Liverpool Street, Birmingham—*Oil Vitriol.*

- KAYE, ANTHONY KNOWLES, Mold Green Chemical Works, Huddersfield—*Nitric and Muriatic Acids, Extracts of Indigo, Dyers' Spirits, Ammonia, &c.*
- KELEY, R. R., & Co., Chemical Works, Rye; London, Market Buildings, Mining Lane, E.C.—*Sulphuric Acid, Sulphate Ammonia, Tar Distillers, Pitch, Naphtha, Benzole, Creosote, Carbolic Acid, Anthracine.*
- KENDALL, FREDERICK, Chemical Works, Stratford-on-Avon, Warwickshire—*Bisulphite of Lime.*
- KENYON, THOMAS, JUN., Albion Works, Miles Platting, Manchester—*Acetic Acid.*
- KENYON BROTHERS & Co., Holt Town, Manchester; and Bank Quay, Warrington—*Bleaching Powder, Glauber Salts, Alkali, Oxalic Acid, and Refined Salt Cake for Glassmakers.*
- KERSHAW, JOHN, 123, Athol Street, Liverpool—*Alkali.*
- KILNER, THOS., & Co., Totley, Derbyshire (near Sheffield)—*Acetate of Lime, Grey and White Iron Liquor, Charcoals, Naphtha, &c.*
- KING, E., & Co., Redbank, Manchester—*Acetic Acid.*
- KNIGHT, JOHN, & Co., LANCASHIRE MANURE COMPANY, Farnworth, near Widnes, Warrington—*Bone Manures, Animal Charcoal, &c.*
- KNIGHT, WILLIAM, Chemical Works, Tewkesbury, Gloucestershire—*Artificial Manures.*
- KURTZ, ANDREW GEORGE, Sutton Alkali Works, St. Helen's, Lancashire—*Soda Ash, Caustic, Crystals, and Bicarbonate, and Chlorate of Potash.*
- KURTZ, CHARLES, & SONS, 88, Carruthers Street, Vauxhall Road, Liverpool—*Salts of Ammonia and Coal Tar Products.*
- LANGDALE'S CHEMICAL MANURE COMPANY, LIMITED; Hebburn-on-Tyne, Bridlington, and Peterhead; Branch Manufactories, Bank Chambers, and Tyne Chemical Works, Newcastle-on-Tyne—*Sulphuric Acid, Sulphate of Ammonia, and Chemical Manures.*
- LAWRIE, WILLIAM, & Co., Caister Road, Yarmouth—*Naphtha, Tar and Turpentine.*
- LAWSON, GEORGE, & Co., Wilmington, Hull—*Creosote, Naphtha.*
- LAWSON, J. C., 88, Quay Side, Newcastle-on-Tyne—*Copperas.*
- LEATHER, GEORGE HENRY, Bradford, Yorkshire—*Oil Vitriol.*
- LEES & BROOKSBANK, South Crosland, Huddersfield.
- LEVINSTEIN, L. I., & SONS, 21, Minshull Street, Manchester; Blackley Chemical Works, Middleton, Manchester; London, 17, Railway Approach, London Bridge—*Tar and Turpentine, Aniline Dyes.*
- LEWIS, JAMES, & Co., Ecclestone Works, St. Helen's, Lancashire—*Alkali.*
- LEWIS, G. LEWIS, Pontardawe Chemical Works, Swansea Vale, Glamorganshire—*Sulphuric and Acetic Acids, Acetates of Soda and Lime, Naphtha, Charcoal, &c.*
- LIVERPOOL ALKALI WORKS COMPANY, LIMITED, Lightbody Street, Liverpool—*Alkalies.*
- LIVERPOOL PATENT MANURE COMPANY; Managing Director, ORLANDO REEVES; Litherland Mills, Seaforth, Liverpool—*Chemical Manures, Phosphate Lime, Sulphate Ammonia, Nitrate Soda, &c.*

- LOCKWOOD, H., Bradford, Manchester—*Creosote*.
- LOCKWOOD AND LEITH, Boundary Road Chemical Works, St. Helen's, Lancashire—*Caustic Soda*.
- LOCKYER, GEORGE, & SONS, Temple Back and Marsh, St. Philip's, Bristol; London, 21, Mincing Lane—*Animal Charcoal, Ivory Black, Sulphate Ammonia, Chemical Manures*.
- LONGSHAW & SONS, Santley Bridge Chemical Works, Warrington—*Carbolic Acids, Aurine, &c.*
- LOMAS, JOHN, & COMPANY, LIMITED, Wallsend and Jarrow Chemical Works, North Shields, Northumberland—*Soda Ash, and Crystals, Refined Alkali, and Bleaching Powder, Sulphuric Acid and Sulphate of Soda*.
- LOWE, CHARLES, & Co., Office, 61, Piccadilly, Manchester; Chemical Works, Reddish, near Stockport, and Bradford, near Manchester—*Carbolic Acid and Disinfectants, Benzole, Picric Acid, Aurine, Anthracine, and Coal Tar Products*. See Advertisement.
- LYCELT, WILLIAM, Wheelock Old Works, Sandbach, Cheshire—*Salt*.
- LYON & SONS, Old Quay Alkali Works, Runcorn, Cheshire; Liverpool, 27, Hanover Street—*White Caustic Soda, Cream Caustic Soda, Carbonated Soda Ash, Caustic Soda Ash*. See Advertisement.
- MAGUIRE, THOMAS, East Philip Street, Salford—*Tar and Turpentine*.
- MAJOR, JOHN CLARKSON, Monmore Green, Wolverhampton—*Tar Products, Creosote, Naphthas of all classifications, Benzole, Toluol, Carbolic Acid, Anthracine, Sulphate of Ammonia*. See Advertisement.
- MANSERGH, THOMAS, Wheathill Street, Manchester—*Acetic Acid*.
- MARRIOTT, WILLIAM, Leeds Road Chemical Works, Huddersfield, Yorkshire—*Bisulphite of Lime, Bisulphite of Soda, Hydrated Oxide of Iron, Sulphate of Ammonia, and Manures*.
- MARSH, JOHN, & Co., Ravenhead, St. Helen's, Lancashire—*Alkali*.
- MATHER, J., & Co., Clayton Chemical Works, near Manchester—*Naphtha, Creosote, Ammonia*.
- MATHEWS, AUGUSTUS, Standish, Gloucestershire—*Chemical Manures*.
- MATHEWS, PETER, & SON, Pitchcomb Mills, Stroud—*Bone Manure*.
- MATHIESON, N., & Co., Old Quay Soap and Alkali Works, Runcorn, Cheshire—*Sulphuric and Muriatic Acids, Sulphate Soda, and Bleaching Powder*.
- McBRYDE, JAMES, & Co., LIMITED, Union Chemical Works, St. Helen's, Lancashire—*Caustic Soda and Bleaching Powder*. See Advertisement.
- McCLELLAN, JOHN, Widnes, Warrington—*Borax and Alkali, Soda Ash, Salt Cake, and Bleaching Powder*.
- McDOUGALL BROTHERS, 68, Port Street, Manchester.
- McKINNON, JOHN, & SON, Bradford, near Manchester—*Prussiate of Potash, Red and Yellow*.
- MEADOWS & SON, Rainhall, Prescott, Lancashire—*Ammonia*.
- MEASE, SOLOMON & Co., Lake Chemical Works, South Shields, Durham—*Soda Crystals, Ash, and Bleaching Powder*.
- MEGGIT, SAMUEL, & SON, Sheffield Mills, Effingham Road, Sheffield—*Chemical Manures*.

- MELINCERYTHAN COMPANY**, Melincrythan Chemical Works, Neath, Glamorganshire—*Sugar of Lead, Acetate of Lime, Acetic Acid, Naphtha, Charcoal, Oil of Vitriol, and Hydrated Oxide of Methyl.*
- MERSEY CHEMICAL COMPANY**, Widnes, Warrington.
- METCALF, THOMAS & Co.**, Miles Platting Chemical Works, Manchester—*Anthracine, Benzole, Naphtha, Carbolic Acid, Creosote, Sulphuric and Nitric Acids, Sulphate and Liquor of Ammonia, Annatto, Dyers' and Printers' Solutions.*
- METCALF, WILLIAM**, Church, Accrington, Lancashire, and Attercliffe, Sheffield—*Ammonia, Benzole, Naphtha, Carbolic Acid, &c.*
- MILNES, EDMUND DIXON, & Bros.**, 4, Short St., Manchester; Lunn Mill, Walmersley, near Bury, Lancashire—*Garancine, Madders, Dyes, &c.*
- MORGANS & COMPANY**, Whitecroft Chemical Works, Lydney, Gloucestershire—*Distillations of Wood Charcoal, Miscible Naphtha, Tar, Pitch, Acetate of Lime, and Soda.*
- MORRIS BROTHERS**, Stockwith Chemical Works, near Doncaster, Yorkshire—*Sulphuric Acid, Sulphate of Ammonia, and Chemical Manures.*
- MORRIS, DAVID**, Risca Chemical Works, Newport, Monmouth—*White, Grey, and Brown Sugar of Lead, Acetates of Soda and Lime, Solvent and Miscible Naphtha, Oil of Vitriol, &c.*
- MORRIS, WILLIAM & SON**, Pontamman Chemical Works, near Llanelly, Carmarthenshire. London Agents, LISTER & BIGGS, 8, Lawrence Pountney Hill, E.C.—*Charcoals, Solvent and Miscible Naphtha, Acetate of Soda and Lime, White and Grey Sugar of Lead Crude Acetic Acid Sulphuric Acid.*
- MORRIS, WILLIAM, & SON**, Pontardulais, Glamorganshire—*Charcoal, Acetate of Lime, and Naphtha.*
- MORRIS & GRIFFIN**, Ceres Chemical Works, Wolverhampton—*Sulphuric Acid, Patent Ammonia, Superphosphates, and Manures.*
- MORRISON, WALTER, & Co.**, Forth Banks, Newcastle-on-Tyne—*Chemical Manures.*
- MORROW, TIMOTHY**, Lark Hill Chemical Works, Kersley, near Bolton, Lancashire—*Caustic Soda, Liquid and Dry Glauber Salts, &c.*
- MORT & CROSS**, Viaduct Chemical Works, Widnes, Lancashire—*Caustic and Carbonated Soda Ash, Cream and White Caustic Soda.* See Advertisement.
- MOSELEY & HARGREAVES**, Lark Hill, Farnworth, Bolton—*Turpentine and Tar.*
- MURPHY, J.**, Freemason Row, Liverpool—*Oil of Vitriol.*
- MURRAY, A. B., & Co.**, Tees Mill, Stockton—*Chemical Manures.*
- MURRAY, BROTHERS**, Swallwell, Gateshead, Durham—*Naphtha.*
- MURRELL, WILLIAM, & SON**, East Dereham, Norfolk—*Chemical Manures.*
- MUCKLOW, EDWARD**, Elton Fold Chemical Works, Bury, Lancashire—*Dyers' Solutions.*
- MUSPRATT BROTHERS & HUNTLEY**, Flint, North Wales; London Agency, A. D. CASTLE, 48, Mincing Lane, E.C.—*Soda Ash, Crystals, Caustic Soda, Bicarbonate Soda, and Bleaching Powder.*

- MUSPRATT, JAMES & SONS, Woodend Chemical Works, Widnes, near Warrington, Lancashire; Vauxhall Road Chemical Works, Liverpool—*Soda Ash, Caustic Soda, and Sulphate, Bleaching Powder, Chlorate Potash, Muriatic and Sulphuric Acids, Brown and White, Brimstone.*
- NAYLOR, THOMAS, Accommodation Road, Hunslet, Leeds—*Ammonia.*
- NETHAM CHEMICAL COMPANY, LIMITED, Bristol—*Sulphuric and Muriatic Acids, Alkali, Soda Crystals, Caustic Soda, Sal Ammoniac, Chloride of Calcium, Bleaching Powder, Sulphur, &c.*
- NEWCASTLE CHEMICAL MANURE COMPANY, LIMITED, 56, Dean Street—*Chemical Manures.*
- NEWCASTLE CHEMICAL WORKS COMPANY, LIMITED, 4, Quayside, Newcastle—*Soda, Crystals, Ash, Caustic and Bicarbonate, Bleaching Powder, and Refined Alkali.*
- NICHOLLS, J., St. Austell, Cornwall—*Naphtha, Acetate of Lime, Charcoal.*
- NICHOLSON, JOHN, & SON, Church Street Chemical Works, Hunslet, near Leeds—*Ammonia Liquid and Sulphate, Aquafortis, Dyers' Spirits and Solutions, Soda Ash, and Sulphate, Brown and Rectified Sulphuric Acid, Muriatic, and Nitric Acids, Copperas.*
- NICHOLSON, THOMAS, Ford Chemical Works, South Hylton, near Sunderland, Durham—*Wood Charcoal, Naphtha, Pyroligneous Acid, Acetate of Lime.*
- NIELD, SAMUEL, & Co., 85, Skinner Lane, Leeds. London Agent, CLARKE & COSTE, 19, Water Lane, E.C.—*Yellow Prussiate Potash.*
- NOBLE & Co., Needham Market, Suffolk—*Chemical Manures.*
- NORRINGTON, HINGSTON & Co., St. George's, Bristol—*Chemical Manures.*
- NORRIS, WILLIAM JOHN, & BROTHER, Calder Chemical Works, Sowerby Bridge, Yorkshire—*Bichromate of Potash, Cudbear, Orchil, Extract of Indigo, Sulphate of Alumina.*
- OGDEN, JOHN M. (late OGDEN BROTHERS), Office, 49, West Sunnyside and Deptford Chemical Works, Sunderland, Durham—*Acetate of Soda, Acetic Acid, Copperas.*
- OGILVIE & SON, Salt Works, North Shields, Northumberland—*Salt.*
- ORMEROD, JAMES, & Co., York Road, Leeds—*Sulphuric, Nitric, and Muriatic Acids, &c.*
- PACKARD, EDWARD, & Co., Princes Street, Ipswich, and Bramford, Suffolk; London, 155, Fenchurch Street, E.C.—*Sulphuric Acid, Chemical Manures, &c.*
- PASHLEY, ALEXANDER WILLIAM, Waveney Valley Chemical Works, Had-discove, via Lowestoft—*Sulphate Ammonia, Sulphuric Acid, Superphosphate Lime, and Chemical Manures.*
- PATTINSON, H. L. & Co., Office, 27, Grey Street, Newcastle-on-Tyne, and Felling Chemical Works, Durham—*Bleaching Powder, Alkali, Soda Crystals, and Bicarbonate.*
- PAYNE, HINCLIFFE, Northumberland Street, Huddersfield—*Ammonia, Soda, Alkali, &c.*
- PEAK, JOHN, Bridgewater Chemical Works, Pemberton, Wigan, Lancashire—*Benzine, Creosote, &c.*

- PEARSON, JOHN THOMAS, Kirkings Wharf, Leeds—*Superphosphate of Lime, Nitro-Phosphate, and Chemical Manures, &c.*
- PERKS, WILLIAM, & Co., St. Nicholas Street, Worcester—*Aniline Dyes.*
- PERKS, SAMUEL, Hitchen, Herts—*Lavender Distiller.*
- PERKIN & SONS (See BROOKE, SIMPSON, & SPILLER.)
- PEYTON & SONS, Chemical Works, Lister Street, Birmingham—*Sulphuric Acid, Aquafortis, Sulphate of Copper, &c.*
- PILKINGTON, WILLIAM, & SON, Mersey Chemical Works, Widnes, Lancashire—*Alkali, Sulphuric and Muriatic Acids, Sulphate of Soda, Common and Refined Soda Ash, Bleaching Powder.* See Advertisement.
- PINKEY, JOHN, Cressage, near Shrewsbury, Shropshire—*Chemical Manures.*
- POCHIN, H. D., & Co., Quay Street, Salford, Manchester; and Temple Back, Bristol—*Aluminous Cake, Sulphate of Alumina, Antichlorine, Ultramarine.*
- PONTITHEL CHEMICAL COMPANY, Three Cocks Junction, Glasbury, near Hay, Brecon—*Charcoals, Acetate of Lime, Naphtha Miscible and Solvent, Wood Pitch, &c.*
- PONTRILAS CHEMICAL COMPANY, Pontrilas, near Hereford—*Acetate of Lime, Miscible and Solvent Naphtha, Charcoals, Tar, &c.*
- PRANGLEY & Co., Avon Chemical Works, Marsh, St. Philip's, Bristol—*Sulphate Ammonia, Chemical Manures.*
- PRENTICE BROTHERS, Great Eastern Chemical Works, Stowmarket, Suffolk—*Sulphuric and Nitric Acid, Coprolites, Superphosphate, and Chemical Manures.*
- PRITCHARD, JOHN, D., Crymlyn Burrows, near Swansea—*Oxalic Acid and Sal Acetoscella.*
- PROCTOR, H. & T., Cathay, Bristol—*Chemical Manures.*
- PROCTOR & RYLAND, Lister-street Chemical Works Birmingham, and Saltney, near Chester—*Bone Manures.*
- RANSOM, WILLIAM, Chemical Works, Hitchin, Herts—*Pharmaceutical Preparations.*
- RAWLINS & SON, Brook Works, Rainhill, Prescott, Lancashire—*Ultramarine.*
- READE BROTHERS (Successor to MANDER, WEAVER & Co.), Wolverhampton—*Bisulphite of Lime, Sulphurous Acid, Medicinal Preparations.*
- REEVE, SAMUEL, Rawfold's Chemical Works, Cleckheaton, via Normanton, Yorkshire—*Dyers' Spirits, Liquor Ammonia, Copperas, &c.*
- REEVES, ORLANDO, THE LIVERPOOL PATENT MANURE COMPANY, 39, Norwood Grove; and Litherland Mills, Seaforth, Liverpool—*Chemical Manures.*
- RENNER, J. R., & Co., 35, South John Street, Liverpool: Works, Bootle, Lancashire—*Superphosphate and other Chemical Manures.*
- RENSHAW, JAMES, & SON, Westbank Works, Openshaw, Manchester—*Acetic Acid.*
- RICHARDSON, JAMES, & Co., Nether Mills, Leeds—*Refined Indigo, Indigo Extracts, &c.*
- RICHARDSON, John Geo. & Wm. Henry, Curlew Chemical Works, Jarrow-on-Tyne, Durham—*Sulphuric Acid, Sulphate of Soda, Soda Ash and Bleaching Powder.*

- RILEY, JOHN**, Hapton Chemical Works, near Accrington, Lancashire—*Sulphuric, Hydrochloric, and Nitric Acids, Bleaching Powder, Soda Ash, Caustic Soda, Arseniate and Stannate of Soda, Tin Solutions.*
- ROADS, CHARLES**, Meldreth, Royston, Cambridgeshire—*Coprolites.* See Advertisement.
- ROBERTS, THOMAS**, Sandhill Lane, Kirkdale, Liverpool; London Agent, Z. CARTWRIGHT, 22, Water Lane, E.C.—*Flowers of Sulphur, Roll and Rock Sulphur, Soda Ash and Caustic Soda, Refined Saltpetre, &c.*
- ROBERTS, DALE, & Co.**, Latchford, Warrington—*Aniline Dyes.*
- ROBERTS, DALE, & Co.**, Mersey Bank Chemical Works, Warrington, Lancashire—*Oxalic Acid, Caustic Soda, &c.*
- ROBINSON, EDWARD**, Moorhead Chemical Works, Fartown, Huddersfield—*Muriatic, Nitric, and Sulphuric Acids, Acetate and Nitrate Copper, Acetate, Muriate, and Nitrate of Iron; Tin Solutions, Dyer's Spirits, and Indigo Extracts.*
- ROBINSON, THOMAS CUSWORTH**, Chemical Works, South Milford, Yorkshire—*Epsom Salts.*
- ROBINSON, JAMES & Co.**, Huddersfield—*Orchil and Cudbear.*
- ROBINSON, POLLARD, & Co.**, Hamshaw Chemical Works, Portsea, Hants; London, 9, Mincing Lane—*Sulphate Ammonia, Creosote, Anthracine, &c.*
- ROOKE, J. & J.**, Chemical Works, Red Bank, Manchester.
- ROOTH, JOHN SAMPSON**, Walton Chemical Works, Chesterfield, Derbyshire.
- ROYSTON, W. & C.**, Paddington Chemical Works, near Warrington, Lancashire—*Bone Manures.*
- RUMNEY, ROBERT**, Ardwick Chemical Works, Ashton Old Road; Manchester—*Ammonia, Silicates of Soda and Potash, Red and Iron Liquors, Tin Crystals, Pyroligneous Acid.*
- RUNCORN SOAP AND ALKALI COMPANY, LIMITED**, Weston Chemical Works, Runcorn, Cheshire; and Walmer Buildings, Water Street, Liverpool—*Soda Ash, Bleaching Powder, and Salt Cake.*
- DITTO**, **DITTO**, Preston Brook, Cheshire—*Soda Crystals, Soda Ash, Bleaching Powder, Distillations of Turpentine, &c.*
- RUSCOE, GEORGE**, Tattenhall Station, Tarporley, Cheshire—*Bone Manures.*
- SALTLEY CREOSOTE & NAPHTHA COMPANY**, Saltley, Birmingham—*Creosote.*
- SCHOFIELD, CHRISTOPHER JAMES**, Clayton, near Manchester—*Soda Ash, Caustic Soda, Oil Vitriol, Bleaching Liquor, and Muriatic Acid.*
- SEDDON, RALPH**, Middlewich, Cheshire—*Salt.*
- SHARON CHEMICAL COMPANY**, Sharon Chemical Works, Little Chester Derby—*Oil of Vitriol, Sulphate of Ammonia, Metallic Oxides, Glauber Salts, Superphosphates, and other Chemical Manures.*
- SHELDON, NIXON, & Co.**, West Jarrow Chemical Works, Jarrow-on-Tyne, Durham—*Soda Ash, Bleaching Powder, &c.*
- SHORTHOUSE, JOSEPH, & SON**, New Market Street, Birmingham—*Oil Vitriol, Muriatic, and Nitric Acids.*
- SIMMS, Mrs. M.**, North Hylton, Sunderland—*Naphtha.*

- SINGLETON, JOSEPH, & Co., Spring Hill, Birmingham—*Acetate of Soda, Acetic Acid, Acetate of Lime, Naphtha, Charcoal, &c.*
- SISSONS, BROTHERS, & Co., Sculcoates, Hull—*Blues.*
- SLACK, ASHCROFT, & Co., Paul Street, Liverpool—*Vitriol, Soda Ash, Ammoniacal Products, Sulphur, &c.*
- SMITH, J., JUN., & Co., Great Lever, Bolton, Lancashire; and 61, Princes Street, Manchester—*Oil Vitriol.*
- SMITH, DAVID, Kensington Chemical Works, Siddall, Halifax—*Copperas, Fluorine, Mineral Acids, Carbolic, Picric, and Aurine Acids, and Dyers' Spirits.*
- SMITH, ELIZABETH, Mrs., Rhondda Chemical Works, Pontypridd, Glamorgan-shire—*Naphtha, Acetate of Lime, Charcoal, Pyroligneous Acid.*
- SMITH & MAWDSLEY, Pentre Works, near Flint, North Wales—*Vitriol, Muriatic Acid, Salt Cake, Alkali, Soda Ash, Soda Crystals, and Bleaching Powders, &c.* See Advertisement.
- SOULBY, JOHN, Pye Pits Works, Malton, Yorkshire—*Chemical Manures.*
- SOUTHALL, SON, & DYMOND, Birmingham—*Iodide and Bromide Potassium, and Pharmaceutical Preparations.*
- SOUTHERN, G. S., Sylvia Street, Manchester—*Tin Solutions, Iron Liquor, &c.*
- SOUTHERN, THOMAS & SON, Wheel Hill Chemical Works, Salford, Manchester—*Tin Solutions, Iron and Red Liquors.*
- SPENCE BROTHERS' CHEMICAL COMPANY, LIMITED, Victoria Chemical Works, Ashton New Road, Bradford, Manchester; London, 50, Old Broad-street, E.C.—*Patent Dry and Green Copperas, Sulphate Ammonia, Grey and Brown Sulphuric Acid.*
- SPENCE, PETER, Pendleton Alum Works, Holland Street, Oldham Road, Manchester—*Lump, Fine Ground, Rough Ground, and Granulated Alum, special quality for Turkey Red Dyers, Sulphate of Ammonia, &c.* See Advertisement.
- SPOONER & BAILEY, Eling Works, Southampton—*Brown Sulphuric Acid, Sulphate of Soda, Chemical Manures, &c.*
- STAINSBY & WALSH, Dowley Gap, Bingley, Yorkshire—*Ammonia, Creosote, &c.*
- ST. BEDE CHEMICAL COMPANY, LIMITED, 1, St. Nicholas Building, Newcastle-on-Tyne; and St. Bede Chemical Works, South Shields, Durham—*Sulphuric Acid, Sulphate of Soda, Soda Ash and Crystals, Refined Alkali, Bleaching Powder.*
- ST. HELEN'S LEAD SMELTING COMPANY, Railway Arches, St. Helen's. See Advertisement.
- ST. HELEN'S CHEMICAL COMPANY, LIMITED, Pocket Nook, St. Helen's, Lancashire—*Soda Ash, Caustic Soda, Soda Crystals, Glauber Salts, Bleaching Powder, and Flowers of Sulphur.*
- STATON & Co., Shobnall Mills, Burton-on-Trent—*Chemical Manures.*
- STEELE, M., & SON, Albion Alkali Works, Comus Street, Liverpool—*Soda Ash.*
- STEPHENS, JAMES, Black Vale Copper Works, Swansea—*Arsenic.*
- STOCKDALE, JOHN, Croston Clough Works, Elton, Bury, Lancashire—*Red and Iron Liquor, Charcoal, Pyroligneous Acid, &c.*

- STONE & TINSON, Crews Hole, St. George's, Bristol—*Sal Ammoniac*.
- STANTON PURE SULPHUR COMPANY, 70, Price Street, Birkenhead—*Rock, Roll, and Flour Sulphur*.
- STORRY, SMITHSON, & Co., 187, High Street, and Works, Sculcoates, Hull—*Tar and Rosin Distillers*.
- STURGE, JOHN & E., 18, Wheeley's Lane, Birmingham—*Citric Acid, Bicarbonate of Potash, Rochelle Salts, Precipitated Chalk, Citrate Magnesia*.
- SUGDEN, HERBERT, Woodsome Lees, Huddersfield, Yorkshire—*Aqua-fortis, Spirits of Salts, Ammonia, Tin Solutions, Dyers' Spirits, &c.*
- SULLIVAN & Co., LIMITED, British Alkali Works, Widnes, near Warrington, Lancashire—*Soda Ash, Refined Soda Ash, Cream and White Caustic Soda, Salt Cake, Bleaching Powder, Recovered Sulphur*.
- SUTTON, FRANCIS, & Co., Bank Plain, Norwich—*Photographic Chemicals*.
- TALL & DUNKERLEY, 20, High Street, Hull—*Tar, Turpentine, and Rosin Distillery*.
- TAYLOR, GREENALL & KIDD, Moorside Chemical Works, Widnes, near Warrington, Lancashire—*Soda Ash, Caustic Soda, Salt Cake, and Bleaching Powder*.
- TENNANT, CHARLES, & Co., Hebburn, Alkali Works, Jarrow-on-Tyne. London, C. TENNANT, SONS, & Co., 9, Mincing Lane—*Alkali, Soda Ash, Soda, Crystals, Bleaching Powder*.
- TENNANTS & Co., Ardwick Bridge, Manchester; Liverpool, 20, Red Cross Street—*Alkali, Vitriol, Stannate and Arseniate of Soda, Tin Crystals, Sulphate of Zinc, and Chemical Products for Bleachers, Dyers, and Calico Printers*.
- THACKER & Co., Bankhall Chemical Works, Liverpool—*Naphtha*.
- THARSIS SULPHUR & COPPER COMPANY, LIMITED, Tyne Chemical Works, Hebburn, near Gateshead-on-Tyne—*Sulphur, Copper*.
- THOMPSON & Co., 8, Cooper St., Manchester—*Aniline Dyes, Dyers' Solutions*.
- THORPE, HENRY & SON, Swan Works, Buckingham—*Superphosphate of Lime, Bone and Chemical Manures for Grass and Cereals*.
- TIGARS' MANURE WORKS, Grovehill, Beverley—*Chemical Manures*.
- THRELFALL, THOMAS, & SONS, Botany Chemical Works, Chorley, Lancashire—*Chinese and Prussian Blues, and Chemical Manures*.
- TORDOFF & SON, Kirkgate, Bradford—*Blues*.
- TROTTER, ISAIAH, Oakwood Chemical Works, Coleford, Gloucestershire—*Naphtha, Acetates of Soda and Lime, &c.*
- TOWNSEND, JOHN, Albion Chemical Works, Cleckheaton, via Normanton, Yorkshire—*Glauber Salts, Copperas, Muriatic Acid, Dyers' Solutions*.
- TOYNBEE, EDWARD, Saxilby, near Lincoln—*Chemical Manures*.
- TREMELLEN, WILLIAM, Swansea, South Wales—*Arsenic*.
- TUNSTALL & Co., King Street, and St. Helen's, and Carr Moor Side Chemical Works, Hunslet, Leeds—*Tar Distillers, Naphtha, Benzole, Carbolic Acid, &c.*
- TURNER, JOSEPH, Queen's Ferry, Flintshire—*Tar Distillers, Benzole, Toluol, Naphtha, Carbolic Acid, Anthracine, Creosote, Pitch and Sulphate of Ammonia*.

- TYNE ALKALI COMPANY, LIMITED, Office, 1, Dean Street, Newcastle-on Tyne; Works, South Shields, Durham—*Sulphuric Acid Sulphate of Soda, Soda Ash and Crystals, Alkali, Bleachin, Powder, Chlorate of Potash.*
- UTTLEY, M., Redlees Summit, Littleborough, Lancashire—*Soda Crystals, Brown and White.*
- URBAN (PATENT) MANURE COMPANY, Sneyd Works, Bloxwich, Walsall, Staffordshire—*Manures.*
- VAUGHAN, S. & J. W., Birley Vale Chemical Works, Handsworth Woodhouse, near Sheffield—*Pyroligneous Acid, Acetate of Lime, Sugar of Lead, Naphtha, Iron and Red Liquor, &c.*
- VERDON, JOSEPH, Newton, Middlewich, Cheshire—*Salt.*
- VICKERS, SNOWDEN, & MORRIS, Hazlehead, Penistone, Yorkshire—*Chemical Manures.*
- VICKERS, THOS., & SONS, Miles Platting, Manchester; Widnes, Warrington—*Bone Manures, Superphosphates, Binarsenate and Arseniate of Soda.*
- VIVIAN & SONS, Haford Chemical Works, Swansea—*Bleaching Powder, Soda Ash and Crystals, Caustic Soda, Phosphate of Soda, Salt Cake, Muriatic Acid, Superphosphate of Lime.*
- WADE, HENRY P. H., Leeds Road North, Huddersfield, Yorkshire—*Benzole, Naphtha, and Aniline Colours.*
- WAIDE, JAMES, & SON, Calder Chemical Works, Whitwood Mere, Normananton, Yorkshire—*Sulphuric Acid, Sulphate of Ammonia, Nitrate Cake.*
- WAKE & Co., Bridge Road, Southampton—*Charcoal.*
- WALKER, ISAAC & ISRAEL, Effingham Chemical Works, Rotherham, Yorkshire; London Agents, THOMAS & SCARPE, 192, Upper Thames Street, E.C.—*Pyroligneous Acetic Acid, Acetate of Lime, Sugar of Lead, Naphtha, Iron Liquors, &c.*
- WALSH & Co., 28, Port Street, Manchester—*Blood Albumen.*
- WARBURTON, SAMUEL & SONS, Chemical Works, Worksop, Notts., *Pyroligneous Acid, Naphtha, &c.*
- WASHINGTON CHEMICAL COMPANY, Newcastle-on-Tyne; London Agent, H. PATTINSON, 157, Fenchurch Street, E.C.—*Soda Ash and Crystals, Alkali, Magnesia, Patent White Lead.*
- WATSON, KIPLING, & Co., Seaham Chemical Works, near Sunderland, Durham—*Soda, Magnesia.*
- WEBB & SONS, Ivy Mill, Wordsley, Stourbridge, Staffordshire—*Chemical Manures.*
- WEBB, HENRY, & Co., Angel Street, Worcester—*Chemical Manures.*
- WEEDON BROS., Goring, near Pangbourne, Berks—*Chemical Manures.*
- WELLS & Co., Lime Street, Hull—*Chemical Manures.*
- WELLS & GALLOWAY, Lugsdale Chemical Works, Widnes, Lancashire—*Refined Carbonated Soda Ash, Cream and White Caustic Soda.* See Advertisement.
- WELLS & PERRY, Chelmsford, Essex—*Turpentine and Tar.*
- WEST OF ENGLAND BONE AND MANURE COMPANY (JOHN BARCLAY and E. D. ANDERTON), Penryn, Cornwall—*Chemical and Bone Manures.*

- WHEELOCK SALT WORKS, Duke's Dock, Runcorn, Cheshire—*Salt*.
- WHITWELL, MARK, & SON, Grove, Bristol—*Alkali*.
- WIDNES ALKALI COMPANY, LIMITED, Widnes, near Warrington—*White and Cream Caustic Soda and Soda Ash*.
- WIDNES PHOSPHATE WORKS, Widnes and Crewe, Cheshire—*Bone Manures*.
- WILKINSON, B. & Co., Whiteash and Riverdale Chemical Works, Church, near Accrington, Lancashire—*Indigo Extracts, Tin Crystals, Cudbear, Orchil, Aniline Dyes*.
- WILKINSON, GANDERTON, & Co., 29, High Street, Hull—*Blues*.
- WILKINSON & LITTLEBOY, Southwold, Wangford, Suffolk—*Salt*.
- WILLIAMS & LAMB, King Street, Wigan, Lancashire—*Tar and Turpentines*.
- WILLIAMS, THOMAS & DOWER, Star Chemical Works, Brentford; London Agents, R. D. Smythe & Co., 88, St. Mary Axe, E.C.—*Aniline Dyes*.
- WILSON, GEORGE HENRY, Rainham Chemical Works, Rainham Ferry, Romford, Essex—*Sulphuric Acid and Chemical Manures*.
- WILSON, JAMES THOMAS, Spittal, Berwick, Northumberland—*Oil Vitriol*.
- WILSON, R. H., Egglecliffe Chemical Works, Yarm, Yorkshire—*Sulphuric Acid and Chemical Manures*.
- WILTON CHEMICAL COMPANY, Liverpool—*Roll and Flour Sulphur, Saltpetre*.
- WINDLE, ABRAHAM (EXECUTORS OF), Worsbro' Dale, near Barnsley, Yorkshire—*Iron Liquor and Wood Acid*.
- WINSER & Co., Bank Quay, Warrington, Lancashire—*Chloride Calcium, Sulphate of Lime, Epsom Salts, Iron Oxide, Magnesia, Chloride of Zinc*.
- WINSHIP & RAYMOND, Sculcoates, Hull—*Colours, Superphosphates, Nitrophosphate of Lime*.
- WITTON, GEORGE, Victoria Works, Doncaster—*Blues*.
- WOLVERHAMPTON MANURE COMPANY, Bloxwich, Walsall, Staffordshire (J. T. HALL, Secretary)—*Chemical Manures*.
- WOOD & BEDFORD, Airedale Chemical Works, Leeds—*Cudbear, Orchil, Indigo Extracts*.
- WOOD, EDWARD, Stoke-upon-Trent, and Hanover Street, Liverpool—*Borax*.
- WOOD, WILLIAM, Droitwich, Worcestershire—*Salt*.
- WOOD, WM. & Co., Carlton Chemical Works, Leeds.
- WOOD, W. & SONS, Okehampton, Devon—*Manures*.
- WRIGHT, WILLIAM & Co., Baildon, Shipley, Leeds—*Liquor Ammonia and Sulphate, Creosote, Naphtha, Pitch*.
- YNIS CHEMICAL COMPANY, Clydach, Swansea Valley, Glamorganshire—*Charcoal, Naphtha, Sulphate of Ammonia*.

COLOUR MANUFACTURERS.

London and Suburbs.

- ALLT, W.**, Bolingbroke Road, Battersea, S.
BAYLIS & VERRY, Love Lane, Shadwell, E.
BERGER & SONS, Well Court, Queen Street, E.C.; and Water Lane, Homerton.
BLUNDELL, SPENCE, & Co., 9, Upper Thames Street, E.C.; and Hull.
BRANDHAM, BROTHERS, & Co., 5, Philpot Lane, E.C.; and Lower Road, Rotherhithe, S.E.
BROOKE, SIMPSON, & SPILLER, 9, Fenchurch Street, E.C.
BROWN, ALDERSON, & Co., 146, Upper Thames Street, E.C.
BURRELL, A. E., & SON, 116, Fenchurch Street, E.C.; Works, Queen Street, Mile End, E.
CARNALL, G., Silver Street, Stepney, E.
CARSON, WALTER, and SONS, Belle Sauvage Yard, E.C.
COOKSON & Co., Commercial Wharf, Old Swan Lane, E.C.
CORNELLISSON, LOUIS, 22, Great Queen Street, W.C.
CORY, DR. HORACE, and Co., Hatcham Works, Manor Street, Old Kent Road, S.E.
CUMBERLAND, HENRY, Millwall, E.
DENTON & JUTSUM, Bow Common, E.
DODDS, JAMES, Bow Common, E.
DUNN & Co., Stirling Chemical Works, Stratford, E.
EHRENFEST, F. M., & Co., 68, Brunswick Street, Blackfriars, S.E.; and Suffolk Works, Southwark.
EHRENSPERGER, CONRAD, & Co., 8A, Laurence Pountney Place, E.C.
FENNER, N. & J., Millwall, E.
FOULGER, JOHN & SONS, 6, Lime Street, E.C.
FREEMAN, JOHN G., Bridge Road, Battersea, S.W.
FREEMAN & SONS, Lombard Road, Battersea, S.W.
GOODCHILD, H., 16, Radnor Street, St. Luke's, E.C.
GREY & MARTIN, New Park Street, Southwark.
GRINDLEY & Co., Bow Common Bridge, Poplar, E.
HAYWARD, JONES, & SLEE, Russell Place, Bermondsey, S.E.
HODSON, HARRY, & Co., 84, Upper Thames Street, E.C.; and Stratford, E.
HUBBUCK, THOMAS, & SON, 24, Lime Street, E.C.; and Hubbuck's Wharf, Broad Street, Ratcliffe, E.
JENKINS, EAGLE, & FRASER, St. George's Wharf, Grand Surrey Canal, S.E.
JENKINS, John, Canal Bridge, Camberwell, S.E.
JENSON & NICHOLSON, 65, Goswell Road, E.C.
JOHNSON, W. W. & R., & SONS, Burdett Road, Limehouse, E.
JOHNSON, SAMUEL, 185, St. George's Street, E.
JUDSON, DANIEL, & SON, Southwark Street, S.E.
KIRTON, THOMAS J. & Co., 2, Bankside, Southwark Street, S.

LANE, JOSEPH & SON, 39, Red Lion Square, W.C.
 LUNDY, JOHN J. & Co., 56, Leadenhall Street, E.C., and at Leith.
 MOBSBY, A. HENRY & Co., 10, Cullum Street, E.C., and Crown Works.
 PARKER, S. E., St. James's Street, Old Kent Road, S.E.
 PINCHIN, JOHNSON, & Co., 83, Cable Street, E.
 PORCHERON & Co., 22, Laurence Pountney Lane, E.C.
 RAMSDEN, REYNOLDS, Blue Anchor Road, Bermondsey, S.E.
 RINGAND, E., FILS, & C. MEYER, 109, Fenchurch Street, E.C.
 ROBINSON, WM. LAW, Wilmot Square, Bethnal Green Road, E.
 ROLLS & SIMONS, St. James' Road, Old Kent Road, S.E.
 ROSE, Sir W. A., & Co., 66, Upper Thames Street, E.C.
 ROWNEY, GEORGE & Co., 52, Rathbone Place, Oxford St.—*Artists' Colours*.
 SIMONS, WILLIAM, Wick Lane, Old Ford, E.
 SMITH, BENJAMIN, & SON, Corbet's Court, Brown's Lane, Spitalfields, E.
 SMITH, JAMES WM., & THOMAS ASHBRIDGE, Imperial Works, Old Ford Road, E.
 STOER BROTHERS, 14, Earl Street, Blackfriars, E.C.
 STORER, DAVID & SONS, 66, Queen Street, E.C.
 SYMONDS, WM., Wick Lane, Old Ford Road, E.
 STRATFORD DYE & COLOUR COMPANY, High Street, Stratford, E.
 TAYLOR, WILLIAM & Co., 33, Great Chart Street, Hoxton, N.
 TOWNSEND, T., Merton Road, Wandsworth, S.W.
 TURNER, CHARLES & SON, George Yard, Whitechapel, E.
 WAIT, D., 71, Oakley Road, N.
 WILKINSON & Co., Caledonian Works, King's Cross, N.
 WILLIAMS, THOMAS & DOWER, 73, Palmerston Building, Old Broad Street, E.C.
 WILSON, W. & Co., 1, Jubilee Street, Mile End, E.
 WINSER & NEWTON, Spring Place, Kentish Town, N.W.—*Artists' Colours*.
 WOOD, JOHN & ROBERT, 13, Baggally Street, Mile End, E.
 WORRINGHAM, THOMAS H. & Co., Black Horse Road, Deptford, S.E.

COLOUR MANUFACTURERS.

Counties.

AIDNEY, WILLIAM, Harts Hill, Stoke-upon-Trent, Staffordshire.
 ADKINS, THOMAS, & Co., Smethwick, Birmingham.
 ALLPORT BROTHERS, Snow Hill, Birmingham.
 BADAMS, BROTHERS, Spring Hill Colour Works, Birmingham—*Prussiate Potash, Emerald Green, Chinese and Prussian Blue*.
 BAILEY, JOHN, Shooter's Hill, Near Longton, Staffordshire.
 BIBBY, RICH. E., Houghton Chemical Works, Denton, near Manchester—*Pigment Colours, &c.*
 BIRCH & SONS, Trighall Mills, Cheadle, Staffordshire.

- BIRMINGHAM COLOUR COMPANY, Bishop Street, Birmingham.
 BLUNDELL, SPENCE, & Co., Beverley Road, Hull; London, 9 Upper Thames Street, E.C.
 BLYDE, GEORGE, Lavender Hill, Tunbridge, Kent.
 BOARDMAN, WILLIAM, Blurton Mill, Stoke, Staffordshire.
 BOOTH, WILLIAM, Hanley, Staffordshire.
 BOWDLER & BICKERDYKE, Eagle Works, Church, Lancashire—*Pigment Colours*.
 BROUGHAM, THOMAS, Burslem, Staffordshire.
 BROUGHTON PAINT AND COLOUR COMPANY, Sandon Street, Salford, Manchester.
 BROWN, E., Bonsall, Matlock Bath, Derbyshire.
 BUTLER, P., & Co., Cheese Lane, Bristol.
 CARDIN, JOSEPH, Matlock Bath, Derbyshire.
 CLARK, DAN W., Hockley Hill, Birmingham.
 COLTHURST & HARDING, Bristol.
 DAVIS, J. W., & SON, Wilmington Street, Hull.
 DENTITH, THOMAS, Hargreaves Street, Manchester.
 EDWARDS, H. S., & Co., South Shields.
 ELLEM, JONES, & Co., Derby.
 ELLIS & SON, Gabriel Hill, Maidstone.
 EMERY, FRANCIS, & SONS, Cobridge, Burslem, Staffordshire.
 FOSTER, THOMAS, Store Street Works, Manchester.
 FOSTER & WRANGHAM, Wilmington, Hull.
 GILMAN & SON, Lancaster Street, Birmingham.
 GOADSBY & Co., Newton Heath, Manchester.
 GOODLASS & Co., Peel Street, Liverpool.
 GORST, ROBERT, & Co., Cross Lane, Salford, Manchester.
 HARE & Co., College Green, Bristol.
 HARRISON & SONS, Hanley, Staffordshire.
 HAYNES & SONS, Maidstone.
 HEATH & BAYLEY, Cobridge, Burslem, Staffordshire.
 HELLIER & WILLS, Castle Green, Bristol.
 HILL, W., Broughton, Manchester.
 HINKS, THOMAS, Small Heath, Birmingham.
 HIRST, BROOK, & HIRST, Airedale Chem. Works, Bishopsgate St., Leeds.
 HOLLIDAY, READ & SONS, Tunbridge Chemical Works, Huddersfield; London, 15, Fenchurch Street, E.C.
 HOYLE, ROBSON, & Co., Close, Newcastle.
 HUNTER, ADAM, Sculcoates, Hull.
 ISMAY, JOHN, Groat Market, Newcastle-on-Tyne.
 JACKSON & Co., Chadderton, Manchester.
 JOHNSON & Co., Wilton Street, Liverpool.
 KEARSLEY, ROBERT, Bondgate Green, Ripon, Yorkshire.
 KILLSALL, EDWARD S., Hamill, Burslem, Staffordshire.
 KERWOOD, S., College Street, Portsea, Hants.
 LAW & SON, Bradford Street, Birmingham.
 LAWSON, F. C., 88, Quay Side, Newcastle-on-Tyne, and Hylton, Sunderland.

- LEECH & NEAL**, City Road, Derby.
LEWIS & Co., Salthouse Lane, Hull.
MAPLES, CHARLES, & Co., 26, Hunter Dock Walls, Hull.
MASON & Co., Derwent Street, Derby.
MATTHEWS, JOHN, & Co., Hatton Garden Chemical Works, Liverpool.
MERRIKIN, W. S., Trippet, Hull.
MINTON & Co., 26, Lower King Street, Manchester.
MUNDAY, J. C., French Street, Southampton.
NICHOLS, GEORGE, Rutland Street, Leicester.
PARROTT, JOHN, Daw Bank, Stockport, Cheshire.
PEARCE, WILLIAM, Edmund Street, Birmingham.
PEGG, HARPER, & Co., King's Mills, Castle Donington, Derbyshire.
POULSON, JOHN, Lichfield Street, Hanley, Staffordshire.
REAH, WILLIAM, High End Works, South Shields, Durham.
RICHARDSON, WILLIAM, Hayfield, Stockport.
SAUNDERSON & Co., Humber Banks, Hull.
SHEPHERD & Co., Snow Hill, Birmingham.
SILICATE OXIDE COMPANY (JAMES MURRAY, Secretary), Victoria Parade,
 Torquay, Devon ; London, 93, High Holborn.
SOUTHWICK & STEPHENSON, Brunswick Works, Beverley, Yorkshire.
SPARKS, EDWARD, Church Street, Longton, Staffordshire.
STEEDMAN & Co., 200, High Street, Hull.
STEVENS & Co., Tar Works, Matlock Bath, Derbyshire.
STORRY, WITTY, & Co., Wincolmlee, Hull.
STORRY, SMITHSON, & Co., Bankside Distillery, Hull.
STOTT, WILLIAM, Heworth Shore, Gateshead, Durham.
TAYLOR, WM. JOHN, Derby Road, Liverpool.
THRELFALL, THOMAS, & SONS, Botany Chemical Works, Chorley, Lancashire.
TITTERTON, C., Park Lane, Aston, Birmingham.
TODD WM. R. & SON, Colour Works, Green Lane, Hull.
TOPLASS, JOHN, & SON, Hanley, Staffordshire.
TORDOFF & SON, Kirkgate, Bradford.
WADE, HENRY P. H., Leeds Road North, Huddersfield, Yorkshire.
WAKE & Co., Bridge Road, Southampton.
WALKER & Co., Queen Street, Portsea, Hants.
WESTERDALE & Co., High Street, Hull.
WILKINSON, GANDERTON, & Co., 29, High Street, Hull.
WILLIAMS, ARTHUR, Summer Row, Islington, Birmingham.
WILLIAMSON, JOHN HENSHALL, Golden Hill Chemical Works, near Stoke-on-Trent, Staffordshire.
WILMORE, THOMAS, Graham Street, Birmingham.
WILSON, JOHN & WILLIAM, Wapping, Liverpool.
WILSON, THOMAS, Church Street, Sunderland.
WINSER & Co., Bank Quay, Warrington, Lancashire.
WITTON, GEORGE, Victoria Works, Doncaster.
WRIGHT, HENRY, Hanover Buildings, Southampton.

CHEMICAL MANUFACTURERS.

Scotland.

- ALUM & AMMONIA COMPANY, LIMITED (GEORGE LAMB, Manager), 201, West Street, Tradeston, Glasgow—*Alum, Ammonia*.
- ARTHUR, DAVID, Cartsburn Chemical Works, Greenock.—*Manures*.
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<i>Salt Cake or Sulphate of Soda.</i>	<i>Prussiate, Bichromate,</i>	
<i>Acetate of Lime.</i>	<i>Chlorate, Carbonate,</i>	
<i>Acetate of Soda.</i>	<i>Hydriodate, Muriate,</i>	
<i>Quinine.</i>	<i>and Sulphate</i>	
<i>Cream of Tartar.</i>	<i>White, Red, Orange, and</i>	
<i>Rosin.</i>	<i>Pig Leads.</i>	
<i>Turpentine.</i>	<i>Magnesia.</i>	
<i>Sulphate of Ammonia.</i>	<i>Manganese.</i>	

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 Loam Mills, with Hard Metal Rollers and Bottom Plates.
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 Drainers.

Decomposing Pans of approved metal.
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 Mills and Engines for Grinding.
 Mortar and Pyrites Mills.
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 Oxydizing Steam Towers for Caustic.
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 Superheaters for Resin Refining.
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 Sulphur Pans and Stills.

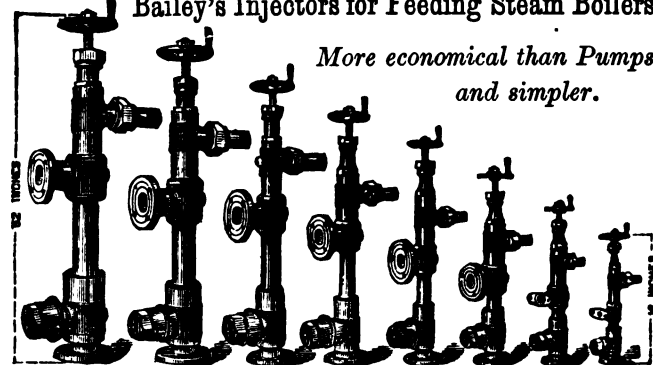
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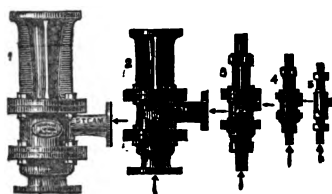
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All Gun Metal, Highly Finished.



Horse Power	Size	H.	G.	F.	E.	D.	C.	B.	A.
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Size.....	180	140	90	50	35	13	6		
Price.....	£20	£17	£15	£12	£8 15	£6 5	£3 15	£3 10	

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For Dyers, Tanners, Bleachers,
Paper Makers, &c.



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AND GREASE SEPARATOR.**
FOR HIGH-PRESSURE ENGINES AND BOILERS.

A Perfect Fuel Economiser and Incrustation Preventer.—15 to 20 per cent. of Fuel saved. 90 per cent. of Water saved.

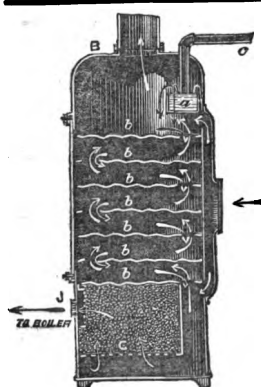
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We claim that, regarded simply as a Heater, we have the best in the world; and as a Lime Extractor, it stands alone, unrivalled in its perfect action. We claim that the use of our Heater will effect a saving of at least 15 per cent. of fuel where soft water is used, and when "hard" and impure water is used, it will effect a saving of from 15 to 50 per cent. of fuel, not to mention the saving to the boilers, in time, and by obviating the necessity, occasioned by "scale," of frequently "blowing off" and cleaning boilers, a job so dreaded by engineers, and so expensive to employers.

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Important to all about to erect New Engines or Boilers.

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4	3	6	bore ;	£15.
5	"	"	" 7 " 9 "	20.
6	"	"	" 8 " 13 "	20.
7	"	"	" 14 " 16 "	25.
8	"	"	" 16 " 21 "	30.
9	"	"	" 22 " 30 "	30.
	"	"	" 30 " "	48.

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" 2½ " 0/7½ "	" 6½ " 2/1½ "	" 10½ " 3/8 "
" 2¾ " 0/8½ "	" 7 " 2/4½ "	" 11 " 3/10½ "
" 3 " 0/9½ "	" 7½ " 2/6½ "	" 11½ " 4/0½ "
" 3½ " 0/11½ "	" 8 " 2/9 "	" 12 " 4/2½ "
" 4 " 1/2 "	" 8½ " 2/11½ "	" 13 " 5/1½ "
" 4½ " 1/4 "	" 9 " 3/1½ "	" 14 " 5/9½ "

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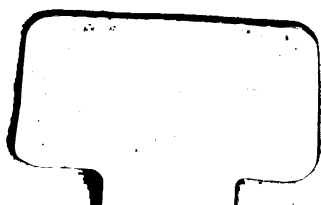
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